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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURE RESEARCH SERVICE

PLANT QUARANTINE DIVISION

LIST OF INTERCEPTED PLANT PESTS, 1956

(List of Pests Recorded from July 1, 1955, through June 30, 1956 as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)

Compiled by

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Plant Quarantine Aid

INTRODUCTION

This forty-third report of interceptions summarizes the records of insect pests, plant pathogens, and certain other organisms found in, on, or with plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland.

This report deals with insects and plant diseases of known or potential plant quarantine significance to the United States. Some common organisms are included if they are (1) new to the country of origin, or (2) new to the host plant, or (3) are of such limited distribution in the United States that they are worthy of mention.

The data for this list which includes some for the previous year, are largely obtained from identifications made by specialists of the Entomology Research Division and Plant Quarantine Division, supplemented by information supplied by State officials. Some, however represent critical studies and determinations made by specialists of the Crops Research Division who also identified many of the host plants cited.

All scientific names are reviewed by specialists in the Department to assure conformance to the International Rules of Nomenclature.

Every effort is made to give the correct origin for all collections listed, questionable cases are omitted or the origin is listed as unknown.

INTERCEPTIONS FROM AIRBORNE MATERIAL

The rapid growth of air transportation continues to increase the danger of foreign plant pests being introduced by this means. In addition to international air travel, commerce in plants and plant products by air is developing steadily. The short time in which pests may now be brought from all parts of the world makes conditions more favorable for their survival and necessitates constant vigilance to apprehend them at ports of entry.

Pests were intercepted on plant material arriving by baggage, express, freight, mail, and stores. During the year 3,367 interceptions were made of insects on imported plant parts or as stowaways, and 476 interceptions of plant diseases.

Some important insects intercepted in airborne material were:

The citrus blackfly (*Aleurocanthus woglumi*) on leaf of *Citrus* sp. in baggage from Mexico.

Anastrepha distincta (?) in inga pod in express from Guatemala.

Anastrepha fraterculus in sapodilla in baggage from Venezuela.

The Mexican fruit fly (*Anastrepha ludens*) in mango in baggage from Mexico; in orange in baggage and stores from Mexico; and in orange in baggage from Guatemala.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in mango in baggage from Costa Rica, Cuba, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Salvador; in mango in cargo from Costa Rica, Guatemala, and Puerto Rico; in mango in mail from Puerto Rico and Salvador; and in mango in quarters from Guatemala.

Anastrepha serpentina in *Annona* sp. in baggage from Peru; in sapodilla in baggage from Guatemala, Nicaragua, and Salvador; and in star-apple in cargo from Guatemala. One adult of *A. serpentina* in cabin of an airplane from Central America or South America.

Anastrepha striata in guava in baggage from British Honduras, Costa Rica, Nicaragua, and Salvador and in guava in quarters from Guatemala.

Carposina sasakii in apple in baggage and stores from Japan.

The Mediterranean fruit fly (*Ceratitis capitata*) in apple in baggage from Italy; in apple in quarters from Portugal; in apple in stores from the Azores, Portugal, and Spain; in apricot in baggage and stores from Italy; in apricot in stores from an unknown origin; in coffee berries in baggage from Brazil; in coffee berries in pre-flight inspection of baggage and cargo leaving Hawaii for the mainland; in fig in baggage from the Island of Rhodes and Italy; in guava in baggage from the Azores and Israel; in loquat in baggage from the Azores; in Mandarin orange in baggage from Cape Verde Islands and Israel; in medlar in baggage from Italy; in nectarine in stores from France; in orange in baggage from Israel, Italy, Lebanon, and Portugal; in orange in stores from the Azores, Israel, Portugal, and Spain; in peach in baggage from Italy, Lebanon, Portugal, and Spain; in peach in cargo from Italy; in peach in stores from Brazil, France, Italy, Portugal, and Spain; in pear in baggage from France, Portugal, and Spain; in pear in quarters from Libya and an unknown origin; in pear in stores from Portugal; in pricklypear in baggage from Italy; in quince in baggage from Greece; and in sweet lime in baggage from the Azores. *C. capitata* (?) in green almond in baggage from Greece; in guava in baggage from Portugal; in guava in quarters from South America; in lemon in stores from Spain; in mango and mountain apple in preflight inspection of baggage leaving Hawaii for the mainland; in nectarine in stores from Brazil; in orange in baggage from Israel and Italy; in orange in stores from the Azores, Portugal, and Spain; in peach in baggage from Italy; in peach in stores from Spain; in pear in quarters from Italy; and in persimmon in baggage from Italy.

The banana root borer (*Cosmopolites sordidus*) in root of banana plant in baggage from Panama.

Cylas formicarius ssp. in sweetpotato in cargo from the Philippines and Thailand.

An adult of *Dacus cucurbitae* was found in preflight inspection of a plane leaving Hawaii for the mainland and another adult of the same species was found on the flight deck of an airplane originating in Midway.

Dacus dorsalis in coffee berries, mango, papaya, and ti berries in preflight inspection of baggage leaving Hawaii for the mainland. An adult of *D. dorsalis* was found in an airplane leaving Hawaii for the mainland and another adult was found on an airplane

from the West Pacific. *D. dorsalis* (?) in *Thevetia peruviana* in preflight inspection of baggage leaving Hawaii for the mainland.

Dacus oleae in olive in baggage from Greece, Italy, Lebanon, and Portugal and in olive in stores from Italy.

Possibly *Dacus passiflora* in mango in baggage from the Fiji Islands.

Olethreutes leucotreta in orange in stores from the Union of South Africa.

The pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from Puerto Rico; in cotton boll in preflight inspection of baggage leaving Hawaii for the mainland; and in seed cotton in baggage from Italy.

Rhagoletis cerasi in cherry in baggage from France, Germany, and Italy, in cherry in quarters from France; and in cherry in stores from the Azores, France, Israel, Italy, Portugal, and Switzerland.

The khapra beetle (*Trogoderma granarium*) in rice in cargo from India.

Interceptions of airborne plant pathogens of interest were:

Chrysomyxa ledi var. *rhododendri* on alpine azalea in baggage from Switzerland.

Daphne mosaic virus on foliage of daphne in mail from England.

Guignardia traversi on *Stanhopea* sp. in cargo from the Canal Zone.

Ophiodothella orchidearum on *Epidendrum* sp. in cargo from Cuba.

Phleospora pistaciae on pistache nut in baggage from Lebanon.

Phoma citricarpa on *Citrus* sp. in baggage from the Philippines; on lemon in stores from Portugal; and on Mandarin orange in baggage from Indo-China.

Phyllostictina pyriformis on an orchid leaf in cargo from Honduras.

Puccinia asparagi on asparagus in baggage from Greece.

Puccinia buxi on a box leaf in baggage from Italy.

Puccinia scirpi on stems of *Scirpus maritimus* in baggage from Portugal.

Puccinia urbaniana on leaf of *Stachytarpheta jamaicensis* in baggage from Martinique.

Septoria unedonis on leaf of strawberry tree in baggage from Ireland.

Uredo behnickiana on a leaf of *Phajus* sp. in cargo from Jamaica.

Uredo guacae on leaf of *Epidendrum* sp. in cargo from Jamaica; and on an orchid leaf in cargo from Honduras.

Uredo oncidii on leaf of *Oncidium pulchellum* in baggage from Jamaica.

Uromyces transversalis on a gladiolus leaf in cargo from the Union of South Africa.

Citrus canker (*Xanthomonas citri*) on Mandarin orange in baggage from China; on Mandarin orange in baggage and stores from Japan and the Philippines; on an orange in baggage from China and Japan; and on an orange in stores from Japan.

The following nematodes were also found in airborne material:

The oat nematode (*Heterodera avenae*) in soil with dried seed beans in baggage from Brazil; in soil with fuchsia and oleander plants in baggage from Austria; in soil with strawberry plants in cargo from Germany; and in soil with tulip bulbs in baggage from Spain.

Heterodera fici in soil with carnation and fig plants in baggage from Italy; and in soil with fig roots in mail from Italy.

Heterodera humuli in soil with hop cuttings in cargo from Switzerland.

Heterodera punctata in soil with narcissus bulbs and plants in baggage from Germany; in soil with geranium plants and gladiolus corms in baggage from Ireland.

The golden nematode (*Heterodera rostochiensis*) in soil with pine seedlings in baggage from Germany; in soil with begonia, carnation, clover, and geranium plants in baggage from Germany; and in soil with potatoes in mail from England.

Pratylenchus penetrans with roots of clematis in cargo from the Netherlands.

NOTES ON INSECTS INTERCEPTED

FRUIT FLIES

The following fruit flies were intercepted:

Anastrepha distincta (?) in inga pod in air express from Guatemala.

Anastrepha fraterculus in grapefruit and orange in stores from Brazil and in sapodilla in air baggage from Venezuela. *A. fraterculus* (?) in grapefruit in stores from Brazil; and in orange in stores from Argentina and Brazil.

The Mexican fruit fly (*Anastrepha ludens*) in apple in baggage from Mexico; in grapefruit in baggage from Mexico and in grapefruit in stores from Nicaragua; in Mandarin orange in baggage from Mexico; in mango in baggage, air baggage, and quarters from Mexico; in orange in baggage and air baggage from Guatemala; in orange in baggage, air baggage, quarters, stores and air stores from Mexico; and in pear, pomegranate, ponderosa lemon, quince, sapote, and sweet lime in baggage from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in almonds in quarters from Trinidad; in grapefruit in stores from Barbados; in guava in baggage from Mexico and in air baggage from Nicaragua and Trinidad; in guava-berry in baggage and cargo from Tortola; in mango in air baggage from Costa Rica, Cuba, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, and Salvador; in mango in baggage from Mexico, Panama, and Puerto Rico; in mango in air cargo from Costa Rica, Guatemala, and Puerto Rico; in mango in cargo from Dominica; in mango in air mail from Puerto Rico and Salvador; in mango in air quarters from Guatemala; in mango in quarters from Cuba and Haiti; in mango in stores from Guatemala, Panama, and Puerto Rico; in pear in baggage from Mexico; in purple mombin in air baggage from Nicaragua; in *Spondias* sp. in air baggage from Nicaragua and Salvador; in *Spondias* sp. in baggage from Panama; in yellow mombin in air baggage from Guatemala, Nicaragua, and Salvador; in yellow mombin in air cargo from Guatemala; and in yellow mombin in cargo from Jost Van Dykes.

Anastrepha serpentina in *Annona* sp. in air baggage from Peru; in mamey sapote in baggage from Mexico; in sapodilla in air baggage from Guatemala, Nicaragua, and Salvador; and in star-apple in air cargo from Guatemala. One adult of *A. serpentina* in passenger's cabin of an airplane from Central America or South America.

Anastrepha striata in guava in air baggage from British Honduras, Costa Rica, Nicaragua, and Salvador; in guava in baggage from Mexico; in guava in air quarters from Guatemala; and in mango in stores from Panama.

The Mediterranean fruit fly (*Ceratitidis capitata*) in apple in air baggage and baggage from Italy; in apple in air quarters from Portugal; in apple in air stores from the Azores, Portugal, and Spain; in apple in stores from Spain; in apricot in air baggage from Italy; in apricot in cargo and stores from Spain; in apricot in air stores from Italy and an unknown origin; in carambola in baggage from Hawaii; in coffee berries in air baggage from Brazil; in coffee berries in baggage from Hawaii; in coffee berries in preflight inspection of baggage and cargo leaving Hawaii for the mainland; in coffee berries in mail leaving Hawaii for the mainland; in *Crataegus* sp. in baggage from Italy; in fig in air baggage from the Island of Rhodes and Italy; in grapefruit in quarters from Israel; in grapefruit in stores from Israel and Italy; in guava in air baggage from the Azores and Israel; in loquat in air baggage from the Azores; in Mandarin orange in air baggage from Cape Verde Islands and Israel; in Mandarin orange in baggage from Italy; in medlar in air baggage from Italy; in nectarine in air stores from France; in orange in air baggage from Israel, Italy, Lebanon, and Portugal; in orange in baggage from Algeria, Greece, and Italy; in orange in quarters from the Union of South Africa; in orange in air stores from the Azores, Israel, Portugal, and Spain; in orange in stores from Brazil, Canary Islands, Egypt, Israel, Italy, and Spain; in peach in air baggage from Italy, Lebanon, Portugal, and Spain; in peach in baggage from an unknown origin; in peach in air stores from Brazil, France, Italy, Portugal, Spain, and an unknown origin; in peach in stores from France; in pear in air baggage from France, Portugal and Spain; in pear in baggage from Spain; in pear in air quarters from Libya and unknown origin; in pear in quarters from Portugal; in pear in air stores from Portugal; in pear in stores from Spain; in pomegranate in baggage from Italy; in pricklypear in air baggage from Sicily; in pricklypear in baggage and stores from Italy; in quince in air baggage from Greece; and in sweet lime in air baggage from the Azores. *C. capitata* (?) in almond in air baggage from Greece; in apple in air quarters from the Azores (?); in apple in air stores from Portugal; in coffee berry in preflight inspection of baggage leaving Hawaii for the mainland; in grape in baggage from Italy; in grapefruit in stores from British East Africa; in guava in air baggage from the Azores and Portugal; in guava in air quarters from an unknown origin; in lemon in air stores from Spain; in mango and mountain apple in preflight inspection of baggage leaving Hawaii for the mainland; in nectarine in air stores from Brazil; in orange in air baggage from Israel and Italy; in orange in baggage from Italy and Palestine; in orange in air stores from the Azores, Portugal, and Spain; in orange in stores from Brazil; in peach in air baggage from Italy; in peach in air stores from Spain and an unknown origin; in pear in air quarters from Italy; in persimmon in air baggage from Italy; and in pricklypear in baggage from Italy.

The melon fly (*Dacus cucurbitae*) in cucumber and tomato in stores from Hawaii. One adult of the melon fly was found on an airplane during preflight inspection at Hickam Field, Hawaii and another adult was found at Hickam Field on the flight deck of an airplane originating in Midway.

The oriental fruit fly (*Dacus dorsalis*) in coffee berries, mango, papaya, and ti berries in preflight inspection of baggage leaving Hawaii for the mainland; and in *Ficus* sp., guava, and persimmon in mail leaving Hawaii for the mainland. One adult of *D.*

dorsalis was found on an airplane from the West Pacific (?) and another adult was found during preflight inspection of a plane leaving Hawaii for the mainland. *D. dorsalis* (?) in mango in baggage from Hawaii; in *Thevetia peruviana* in preflight inspection of baggage leaving Hawaii for the mainland; and in tropical almond in mail leaving Hawaii for the mainland.

The olive fruit fly (*Dacus oleae*) in olive in air baggage from Greece, Italy, Lebanon, and Portugal; and in olive in baggage, air stores, and stores from Italy.

Dacus passiflorae (?) in mango in air baggage from the Fiji Islands.

Rhagoletis cerasi in cherry in air baggage from France, Germany, and Italy; in cherry in air quarters from France; and in cherry in air stores from the Azores, France, Israel, Italy, Portugal, Switzerland, and an unknown origin.

Rhagoletis completa in black walnut in baggage from Mexico.

The apple maggot (*Rhagoletis pomonella*) in apple in air baggage and baggage from Mexico.

The papaya fruit fly (*Toxotrypana curvicauda*) in papaya in stores from Costa Rica.

INSECTS OTHER THAN FRUIT FLIES

The following miscellaneous insects of unusual interest were intercepted:

The citrus blackfly (*Aleurocanthus woglumi*) on an orange leaf and on a leaf of *Citrus* sp. in baggage from Mexico and on sour lime leaf in cargo from Mexico.

A tortricid, *Austrotortrix postvittana* in apple in cargo from New Zealand.

Bruchophagus glycyrrhizae (Eurytomidae) on *Glycyrrhiza* sp. in mail from Iran.

Coptotermes niger, a very destructive termite, in wooden packing case in cargo from Nicaragua.

A curculionid, *Cylas formicarius* ssp. in sweetpotato in air cargo from the Philippines and Thailand and in *Ipomoea* sp. in cargo from China.

Dyspessia ulula (Cossidae) in garlic in cargo from Italy.

A coccinellid, *Epilachna paenulata*, on banana in cargo from Ecuador.

A coccinellid, *Epilachna philippinensis*, on clothing of a crew member on an airplane from Guam.

Frankliniella schultzei (Thripidae) on carnation in air quarters from South America and on chinkerichee in air cargo, cargo, and mail from the Union of South Africa.

A chrysomelid, *Lilioceris lili* with lily bulbs in air baggage from Italy.

Olethreutes leucotreta (Olethreutidae) in grapefruit from the Union of South Africa; in orange in stores from Mozambique and the Union of South Africa; and in navel orange in air quarters from North Africa (?).

The durra stem borer (*Sesamia cretica*) in broomcorn in cargo from Italy.

Stephanoderes hampei (Scolytidae) in coffee berries in baggage and mail from Brazil; and in coffee berries in mail from Ceylon.

Trogoderma granarium (Dermestidae) with used burlap bags in cargo from India; with grain bags containing wheat bran, corn meal, and crushed oats from Australia; in rice in stores from Formosa and India; in split peas in stores from India; and in peanut in stores from Formosa.

SNAILS

The giant African snail (*Achatina fulica*) was intercepted on cut flowers of torch ginger during preflight inspection of baggage leaving Hawaii for the mainland.

Bradybaena similis, an injurious snail not established in the United States, was intercepted 119 times with cut flowers and plant material in baggage, cargo, and mail leaving Hawaii for the mainland. It was also intercepted with pineapple in baggage from Brazil and cut flowers of *Lilium* sp. in baggage from Bermuda.

Lamellaxis gracilis, injurious in greenhouses and not established in the United States, was found on a philodendron plant during mail inspection of material leaving Hawaii for the mainland.

Other snails of economic importance but of limited distribution in the United States worthy of mention are: *Deroceras reticulatum*, *Limax flavus*, *L. marginatus*, *Milax gagates*, *Oxychilus allarius*, *Theba pisana*, and *Zonitoides orboreus*.

NOTES ON DISEASES INTERCEPTED

The sweet orange scab was intercepted 74 times; 16 of these interceptions came from Argentina on lemon, Mandarin orange, and orange; 57 from Brazil on grapefruit, lemon, Mandarin orange, orange, and sour lime; and one from an unknown origin on orange.

Citrus canker (*Xanthomonas citri*) was intercepted 137 times; 96 of these came from

Japan, 33 from China, 3 from Thailand, 2 from the Philippines, and one each from Ceylon, India, and the Straits Settlements. These interceptions were made from the following hosts: *Citrus grandis*, *C. ichangensis* var., *C. x ichandarin*, *C. sinensis* junos, grapefruit, lemon, Mandarin orange, sour lime, sour orange, and sweet orange.

Cancrosis B. (*Xanthomonas* sp.), another bacterial disease of citrus, producing symptoms similar to citrus canker, was intercepted twice on lemon from Brazil and once on grapefruit from Brazil (?).

Other interceptions are:

Cercospora cypripedii on an orchid leaf in mail from Mexico; and on leaf of *Stanhopea* sp. in baggage from Mexico.

Daphne mosaic virus on daphne foliage in air mail from England.

Diaporthe citri on grapefruit in stores from Ecuador.

Eudartluca australis on chrysanthemum in air baggage from Japan.

Monilinia fructigena on plum in air baggage from France.

Phoma citricarpa on grapefruit in stores from British East Africa; on grapefruit in stores from Egypt; on grapefruit in baggage from Pakistan; on lemon in air stores from Portugal; and on Mandarin orange in air baggage from Indo-China.

Puccinia erythraeensis on leaves of *Hyparrhenia lintonii* in mail from Kenya.

Puccinia miscanthi on *Miscanthus* sp. in baggage from Japan.

Puccinia phyllostachydis on bamboo leaf in express from Japan.

NEMATODES

The oat nematode (*Heterodera avenae*) was intercepted 32 times from the following countries: Austria, Brazil, Denmark, England, Germany, Greece, Israel, Italy, Spain, and Tunisia. These interceptions were taken in soil with dried seed beans, soil with bulbs, soil with plant material, soil with snails, soil with vegetables, soil with automobiles, and with soil scooped up by a jet plane which crashed in England.

The golden nematode (*Heterodera rostochiensis*) was intercepted 25 times from the following countries: Argentina, England, Germany, Ireland, Mexico, Peru, and Scotland. These interceptions were taken in soil with bulbs, with plant material, and with vegetables.

Rotylenchus bradys, not known to be established in the United States, was intercepted in yam in baggage from Trinidad.

Some other nematodes of possible concern were several species of the genus *Meloidogyne* intercepted from Brazil, Canada, Greece, Guatemala, Hawaii, Israel, Italy, Japan, Mexico, Netherlands, Syria, and Trinidad with various plant materials and with vegetables.

INCOMPLETELY DETERMINED PESTS

Frequently insects or pathogens affecting plant material are found in such stage or conditions that an accurate determination is impossible or impracticable. Some of these pests may be of economic importance.

INSECTS

Among the incompletely determined insects were the following fruit flies:

Anastrepha sp., possibly *distincta*, at New Orleans, La., in inga pod in air mail from Costa Rica and in inga pod in air express from Guatemala.

Anastrepha sp., probably *fraterculus*, at Baltimore, Md., in grapefruit in stores from Trinidad; at Charleston, S. C., in grapefruit in stores from Ecuador; at Eagle Pass, Tex., in mango in baggage from Mexico; at New York, N. Y., in *Annona* spp. in air stores from Colombia and in cherimoya in air baggage from Colombia; and at San Ysidro, Calif., in mango in baggage from Mexico.

Anastrepha sp., possibly *ludens*, at Brownsville, Tex., in apple and pear in baggage from Mexico; at El Paso, Tex., in orange and pear in baggage from Mexico; at Laredo, Tex., in grapefruit in baggage from Mexico; at Miami, Fla., in soursop in air baggage from Nicaragua; and at San Antonio, Tex., in white sapote in air baggage from Mexico.

Anastrepha sp., possibly *mombinpraeoptans*, at Laredo, Tex., and at San Ysidro, Calif., in mango in baggage from Mexico. *Anastrepha* sp., very much like *mombinpraeoptans*, at New York, N. Y., in *Spondias* sp. in baggage from Ecuador.

Anastrepha sp., possibly *serpentina*, at San Antonio, Tex., in quince in air baggage from Mexico.

Anastrepha sp., possibly *striata*, at San Juan, P. R., in guava in air baggage from the Dominican Republic.

Anastrepha sp. at Baltimore, Md., in orange in stores from Peru; at Brownsville, Tex., in mango in air baggage from Nicaragua and in mango, orange, pear, pomegranate and sapote in baggage from Mexico; at Corpus Christi, Tex., in mango in stores from Ecuador; at Eagle Pass, Tex., and El Paso, Tex., in mango in baggage from Mexico; at Hidalgo, Tex., in apple, avocado, and mango in baggage from Mexico; at Houston, Tex., in mango in air baggage from Mexico and in orange in stores from Brazil; at Laredo, Tex., in mamey sapote in baggage from Mexico; at Miami, Fla., in mango in air baggage from Honduras, Nicaragua, and Panama; at Mobile, Ala., in grapefruit in stores from Argentina; in mango in air baggage from Panama; and in mango in quarters from Trinidad; at New York, N. Y., in *Annona* spp. in air baggage from Colombia and Venezuela; at Philadelphia, Pa., in orange in stores from Brazil; at Roma, Tex., in apple in baggage from Mexico; at San Antonio, Tex., in white sapote in air cargo from Mexico; and at San Juan, P. R., in sapodilla in air baggage from the Dominican Republic.

Dacus sp. at Honolulu, Hawaii in balsamapple in preflight inspection of baggage leaving Hawaii for the mainland; at Honolulu, Hawaii in *Nephelium lappaceum* in air baggage from Thailand.

Rhagoletis sp. at Galveston, Tex., in crab apple in quarters from Mexico; and at El Paso, Tex., in thornapple in baggage from Mexico.

Thirty-three interceptions, identified to family only, Tephritidae, were intercepted at the following ports: Baltimore, Md., in cucumber in stores from Liberia and in grapefruit in stores from Brazil; at Boston, Mass., in lemon in stores from Australia; in orange in stores from Argentina; a pupa with parsley in air stores from France (?); and in squash in stores from Indonesia; at Brownsville, Tex., in apple and Rosaceae fruit in baggage from Mexico; at Honolulu, Hawaii in apple in air stores from Australia and Japan; in cactus fruit in air baggage from Guam; in *Durio zibethinus* in air baggage from the Philippines (?); in mangosteen in air stores from Malaya; and in santol in air baggage from the Philippines; at Miami, Fla., in *Pyrus* sp. in air baggage from Panama; at New York, N. Y., in *Cynara* sp. (wild artichoke) in cargo from Italy; in globe artichoke in stores from Italy; in orange in air baggage from Turkey; in plum and radish in air baggage from France; at Nogales, Ariz., with cactus plants in cargo from Mexico; at Philadelphia, Pa., in flower head of bachelors-button in air quarters from an unknown origin; in grapefruit in stores from Australia; and in turnip in stores from French West Africa; pupae at San Antonio, Tex., with leaves of *Chamaedorea oblongata* and *Chamaedorea* sp. in air cargo from Mexico; and in orange in air stores from England; at San Diego, Calif., in tomato in stores from Hawaii; at Seattle, Wash., in mango in air baggage from the Philippines; and at Washington, D. C., in miyama cherry in mail from Japan and pupae with *Rosa* sp. in mail from Iran.

Other incompletely determined insects worthy of mention were:

A bruchid, *Acanthoscelides* sp., apparently new to the National Museum collection, at Washington, D. C., with *Calopogonium mucunoides* in mail from Costa Rica.

Aceria sp. (Eriophyidae), possibly a new species, at Washington, D. C., on *Agropyron* sp. in mail from Iran.

Arphanus sp. (Lygaeidae), a new species, at Nogales, Ariz., on an orchid plant in cargo from Mexico.

A coccid, *Aspidiotus* sp., not recognized as a described form, at San Pedro, Calif., on an orchid leaf in air cargo from Ecuador.

Baris sp. (Curculionidae) at Houston, Tex., in turnip in stores from France.

Blastodacna sp. (Blastodacnidae) at New York, N. Y., in apple in air stores from England.

An undescribed bruchid, apparently representing a new genus and a new species, at Washington, D. C., in seeds of *Prosopis* sp. in mail from Argentina.

Bruchidius sp., near *cicatricosis* (Fabr.) (Bruchidae) and new to the National Museum collection, at Washington, D. C., in crotalaria seed pod in mail from Rhodesia.

Bruchidius sp., near *jocosus* (Schonh.) (Bruchidae), new to the National Museum collection, at New York, N. Y., in white lupine seed in mail from Greece.

Bruchidius sp., near *orchesioides* (Heyd.) (Bruchidae), at Washington, D. C., in *Lotus* sp. pod in mail from Rhodesia.

Bruchidius sp. (Bruchidae), new to the National Museum collection, at Washington, D. C., in seed of *Alysicarpus rugosus* in mail from Rhodesia and Tanganyika; in seed pod of *Astragalus* sp., and seed of sainfoin in mail from Iran; and with *Tephrosia* sp. seed pod in mail from Rhodesia.

A curculionid, *Cleonus* sp. at Philadelphia, Pa., in beet in stores from Egypt; and at New York, N. Y., with horseradish in cargo from Germany.

A phycitid, *Cryptoblates* sp., at Honolulu, Hawaii on Brazilian peppertree berries in mail leaving Hawaii for the mainland.

A curculionid, determined to family only, at New Orleans, La., in pigeonpea pod in air baggage from Panama.

Cyrtozemias sp., evidently *dispar* Pasc. (Curculionidae), at Washington, D. C., with *Solanum xanthocarpum* in mail from India.

"*Eulia*" sp. (Tortricidae) at New York, N. Y., with grapes and peaches in cargo from Chile.

Gnorimoschema sp., near or equals *atriplicella* (F. R.) (Gelechiidae), at Boston, Mass., in tomato in stores from French West Africa.

A curculionid, *Goniapterus* sp., evidently *scutellatus* Gyll., at New York, N. Y., with grapes in cargo from the Union of South Africa.

Gymnandrosoma sp. (Olethreutidae) at Baltimore, Md., in an orange in quarters from Ecuador; at Galveston, Tex., in grapefruit in stores from Mexico; and at Houston, Tex., in an orange in stores from Mexico.

Hepialus sp. (Hepialidae) at Laredo, Tex., in a pseudobulb of *Cattleya* sp. in cargo from Mexico; and at Hoboken, N. J., in pseudobulb of *Dendrobium* sp., in mail from India.

Heterarthrus sp. (Tenthredinidae) at Washington, D. C., in *Rhododendron albrechtii* leaf in mail from Japan.

Hoplothrips sp. (Phlaeothripidae), probably one of the old European species, at Philadelphia, Pa., in celery in stores from Italy.

Hyperodes sp., probably *hirtella* (Dtz.) (Curculionidae), at Miami, Fla., with an orchid plant in air mail from the Canal Zone.

Hyperodes sp., at Charleston, S. C., in carrot in stores from Argentina; at Honolulu, Hawaii with orchid plants in mail from the Canal Zone; at Miami, Fla., with a leaf of *Trichopilia suavis* in air mail from the Canal Zone; at Philadelphia, Pa., in carrot in stores from Argentina; at San Pedro, Calif., with orchid plants in cargo and mail from the Canal Zone; and at Seattle, Wash., with orchid plants in mail from the Canal Zone.

A scolytid, *Ips* sp., at Mobile, Ala., in pine bark crating in air cargo from North Africa.

An ant, *Iridomyrmex* sp., probably a new species for the National Museum collection, at Nogales, Ariz., on an orchid plant in cargo from Mexico.

Lepidosaphes sp., very close to *noxia* McKenzie (Coccidae), but probably distinct, at Hoboken, N. J., on a leaf of *Vanilla* sp., in air cargo from British East Africa.

Leucaspis sp. (Coccidae) at Chicago, Ill., with arborvitae plants in mail from New Zealand.

A pyraustid, *Leucinodes* sp., not represented in the National Museum collection, at Washington, D. C., with *Solanum* sp., in mail from the Union of South Africa.

Lixus sp. (Curculionidae) at Baltimore, Md., in beet in stores from Italy; and at Philadelphia, Pa., in beet in stores from Egypt.

Longitarsus sp., probably *ochroleucus* Mshl. (Chrysomelidae) at Boston, Mass., with chrysanthemum in air baggage from England.

A lygaeid, new genus and new species, at New York, N. Y., with forest litter, containing mostly sphagnum moss, in air stores from Colombia.

Margarodini (Coccidae), genus uncertain, but a very interesting collection, at Washington, D. C., on an undetermined grass in mail from Iran.

A curculionid, *Mecinus* sp., at Hoboken, N. J., on an aleppo pine cone in air mail from Greece.

Oxythrips sp. (Thripidae) at New York, N. Y., on a pine tree in air baggage from Sweden.

Pectinophora sp., *platyedra* complex, (Gelechiidae), at Chicago, Ill., with *Plagianthus betulinus* seeds in mail from New Zealand.

A scolytid, *Pelicerus* sp., at Washington, D. C., with *Garcinia spicata* seeds in mail from Okinawa.

Phenacoccus sp. (Coccidae), an undescribed species, at New York, N. Y., on galanthus bulbs and twinleaf squill bulbs in cargo from Turkey.

Phloeosinus sp. (Scolytidae) at Portland, Oreg., in *Cryptomeria* sp. bark in air cargo from Japan.

Phyllotreta sp., probably *flexuosa* (Ill.) (Chrysomelidae), at Philadelphia, Pa., on cabbage in stores from England.

Pieris sp. (Pieridae) at Charleston, S. C., on cabbage in stores from Belgium and New Zealand; at Philadelphia, Pa., on Chinese cabbage in stores from Japan; and at Port Arthur, Tex., on cauliflower in stores from England.

A chrysomelid, *Plagioderia* sp., probably *jucunda* (Klug), at Miami, Fla., on a bromeliad leaf in air baggage and air cargo from Paraguay.

An ant, *Plagiolepis* sp., very probably *alluaudi* Emery, at Charlotte Amalie, St. Thomas on gladiolus in baggage from St. Kitts.

Podothrips sp., near *longiceps* J.-G. (Phlaeothripidae), at Boston, Mass., on semi-dry grass in baggage from the Union of South Africa.

Prays sp. (Hyponomeutidae) at Boston, Mass., in pomelo in stores from Indonesia.

A curculionid, *Premnotrypes* sp., at Philadelphia, Pa., on *Solanum tuberosum* var. in stores from Ecuador.

Psammodius sp. (Scarabaeidae) at Honolulu, Hawaii with grapes in air stores from Eniwetok; and at New York, N. Y., with soil in mail from Israel.

Rhynchites sp. (Curculionidae) at Boston, Mass., in cherry in air stores from France.

Tingis sp. (Tingidae) at Washington, D. C. with fescue in mail from Iran.

A tortricid, not represented in the National Museum collection, at Honolulu, Hawaii in air baggage from Japan; and a tortricid at Laredo, Tex., on an orchid plant in cargo from Mexico.

A curculionid, *Zeugorygma* sp., probably *orangiae* Mshl. or a new species, at Washington, D. C., with *Setaria perennis* seed head in mail from the Union of South Africa.

DISEASES

Incompletely determined pathogens worthy of mention were:

Ascochyta sp. at Laredo, Tex., on *Yucca elephantipes* in cargo from Mexico.

Cercospora sp. at Brownsville, Tex., on *Chamaedorea* sp. leaf in baggage from Mexico; at Houston, Tex., on palm fronds in air cargo from Mexico; at San Juan, P. R., on *Clerodendron thomsonae* leaf for export to the mainland.

Corynespora sp., probably *cassicola* (Berk. & Curt.) Wei, on *Chamaedorea* sp. in air cargo from Mexico.

Cytospora sp. at Nogales Ariz., on orchid stem in cargo from Mexico; and at San Francisco, Calif., on tree peony in cargo and mail from Japan.

Cytosporina sp. at Nogales, Ariz., on orchid in cargo from Mexico.

Didymosphaeria sp. at Laredo, Tex., on an orchid plant in cargo from Mexico.

Pestalotia sp. at Miami, Fla., on *Pinanga kuhli* seed in air mail from Ceylon; at San Juan, P. R., on a kalanchoe leaf in cargo for export to the mainland; and at Washington, D. C., on an oak leaf in mail from Japan.

Phomopsis sp. at El Paso, Tex., on seeds of sandbaxtree in baggage from Mexico.

Septoria sp. at Hoboken, N. J., on an aster leaf in cargo from England; at Laredo, Tex., on philodendron leaf in baggage from Mexico; and at Washington, D. C., on leaf of *Boissiera bromoides* in mail from Iran.

Probably *Sphenospora* sp. at Miami, Fla. on a leaf of *Catasetum* sp. in air cargo from the Canal Zone; and at San Pedro, Calif., on *Oncidium macranthum* and *Oncidium* sp. plants in air cargo from Ecuador.

Uredo sp. at Miami, Fla., on leaves of *Ornithocephalus* sp. and *Schomburgkia* sp. in air cargo from Ecuador.

NEMATODES

Incompletely determined nematodes worthy of mention were:

Aphelenchoides sp. at Boston, Mass., in soil with burdock, carrots, and potatoes in stores from Japan; in soil with carrots in stores from Norway; in soil with lettuce in stores from Egypt; in soil with roots of Liliaceae in air baggage from Greece; with parsnips in stores from Denmark; and with rutabagas in stores from the Netherlands; at Hoboken, N. J., in roots of *Helleborus niger* hybrid in air mail from England; at New York, N. Y., in narcissus bulbs in cargo from France and Italy; at Philadelphia, Pa., in lily bulb in cargo from Japan; at Port Everglades, Fla., in potatoes in stores from Belgium; at San Francisco, Calif., in lily bulb in mail from New Zealand and in magnolia plant in mail from Japan; at San Juan, P. R., in tobacco stump in air baggage from the Dominican Republic; and at Washington, D. C., in *Boehmeria* sp., in mail from Martinique.

Aphelenchus sp. at Boston, Mass., in soil with potatoes in stores from New Zealand; at Hoboken, N. J., in *Oreocereus trollii* in mail from Canada; at San Francisco, Calif., in peony in baggage from Japan; at San Juan, P. R., in tobacco stump in air baggage from the Dominican Republic; and at Tampa, Fla., in soil with samples of ore in cargo from Belgium.

Ditylenchus sp., closely related to *dipsaci* (Kuhn) Filip. at Hoboken, N. J., in *Polianthes* sp. tuber in cargo from Italy.

Ditylenchus sp. at Boston, Mass., in iris in cargo from the Netherlands; at El Paso, Tex., in garlic in cargo from Mexico; and at Philadelphia, Pa., in garlic in cargo from Mexico.

Heterodera sp., possibly *avenae*, at New York, N. Y., in soil with potatoes in stores from Iceland; at St. Thomas and St. John in soil with beets in stores from England.

Heterodera sp., possibly *fici* at New York, N. Y., in soil with roots of *Ficus* sp. in baggage from Italy.

Other members of the genus *Heterodera* were intercepted 351 times at 18 ports from the following countries: Argentina, Australia, Austria, Azores, Belgium, Canada, Chile, Denmark, Egypt, England, Finland, France, Germany, Greece, Ireland, Italy, Japan, Korea, Liberia, Luxembourg, Mexico, Morocco, Netherlands, New Zealand, Poland, Portugal, Scotland, Spain, Sweden, Switzerland, Tasmania, Tunisia, Venezuela, and Yugoslavia. These interceptions were made from soil ballast, soil samples, soil on private automobiles, soil on army automobiles, soil with sweepings from railway car, and soil with potatoes in railway car; soil with bulbs and tubers in baggage, cargo, and mail; soil with plant material in baggage, cargo, mail, and quarters; soil with vegetables in cargo and stores; and in soil with snails in cargo.

Meloidogyne sp., probably *arenaria* (Neal) Chitwood var. *thamesi* Chitwood, at New York, N. Y., in gladiolus bulb in cargo from Japan.

Meloidogyne sp., possibly *hapla* Chitwood, at Hoboken, N. J., in *Achimenes* sp. tuber in air mail from India.

Meloidogyne sp., possibly a new species, at Brownsville, Tex., in begonia root in baggage from Mexico.

Meloidogyne sp. at Brownsville, Tex., in begonia root in cargo from Mexico; at El Paso, Tex., in turnip in baggage from Mexico; at Hoboken, N. J., in tubers of *Achimenes* spp. in air cargo from India and in cargo and mail from the Netherlands; in anemone roots in air mail from Japan and in mail from Germany; in caladium tubers in air cargo from Belgium; in calla lily rhizomes in cargo from France and Italy; in roots of *Callopsis* sp. in air mail from England; in roots of *Cimicifuga foetida simplex* in cargo from the Netherlands; in roots of *Cissus amazonica* in air cargo from Germany; in clematis roots in air cargo and cargo from the Netherlands; in roots of *Corytholoma bulbosum* in air cargo from Brazil and in roots of *C. cardinalis* in air mail from the Netherlands; in roots of *Curcuma petiolata* and *C. roscoeana* in cargo from the Netherlands; in roots of *Epimedium* sp. in air mail from Japan; in tubers of *Gesneria umbellata* in mail from the Netherlands; in iris roots in cargo and mail from Japan; in roots of *Isoloma pictum* in air mail and *Isoloma* sp. in mail from the Netherlands; in roots of *Kaempferia galanga* in cargo and air mail from India and in *Kaempferia* spp. in cargo from the Netherlands; in tubers of *Naegelia* hybrids in cargo, air mail, and mail from the Netherlands; in roots of tuberoses in air mail from Israel and in mail from Italy; in roots of *Primula sieboldi* var. in mail from the Netherlands; in roots of *Reichsteineria macropoda* in air mail and mail from the Netherlands; and in tuber of *Thomsonia nepalensis* in mail from India; at Laredo, Tex., in *Mammillaria* sp. roots in mail from Mexico; at New York, N. Y., in hyacinth bulb in cargo from Bermuda; and in tuberoses in cargo from Italy.

Paraphelenchus sp. at San Francisco, Calif., in roots of *Magnolia conspicua* and *Magnolia* sp. in mail from Japan.

Pratylenchus sp., near *vulnus* Allen & Jensen, at Tampa, Fla., in soil with a potted plant in air baggage from Cuba.

Pratylenchus sp. at Hoboken, N. J., in astilbe roots in cargo from the Netherlands; in *Clematis* spp. roots in mail from England and in cargo from the Netherlands; in roots of *Helleborus niger* and *H. viridis* in air mail from England and in *H. niger* and *Helleborus* sp. in air cargo from the Netherlands; in roots of *Pulmonaria saccharata* in cargo from the Netherlands; at New York, N. Y., in lily-of-the-valley pips in baggage from France; and at Washington, D. C., in roots of *Boehmeria* sp. in mail from Martinique.

Rotylenchus sp. at Brownsville, Texas, in soil with begonia and mint plants in baggage from Mexico; and at San Francisco, Calif., in peony roots in baggage from Japan.

Tylencholaimus sp. at Honolulu, Hawaii in soil samples in air baggage from Japan.

Tylenchus sp. at Boston, Mass., in soil with artemesia plant in baggage from Italy; at Honolulu, Hawaii in soil in quarters from Okinawa; and at Miami, Fla., in soil with coffee plants in air baggage from Salvador.

Xiphinema sp. at San Francisco, Calif., in peony roots in baggage from Japan.

Summary of Numbers of Interceptions Listed in Main Table

Country	Insect	Disease	Country	Insect	Disease
	Number	Number		Number	Number
Africa:			Europe—Continued:		
Algeria.....	1	2	Portugal.....	37	15
Anglo-Egyptian Sudan.....	1	0	Scotland.....	40	2
Belgian Congo.....	1	0	Spain.....	60	5
British East Africa.....	1	1	Spain (?).....	1	0
Canary Islands.....	1	0	Sweden.....	9	2
Cape Verde Islands.....	5	0	Switzerland.....	13	17
Egypt.....	7	3	Wales.....	1	0
Kenya.....	1	2	Yugoslavia.....	3	1
Liberia.....	2	0	North America:		
Libya.....	2	0	Bermuda.....	20	6
Madeira Islands.....	2	0	Canada.....	2	16
Morocco.....	8	0	Canal Zone.....	66	6
Mozambique.....	1	0	Central America.....	1	0
Nigeria.....	3	1	British Honduras.....	9	0
North Africa(?).....	1	0	Costa Rica.....	22	3
Rhodesia.....	0	1	Guatemala.....	31	4
Tunisia.....	0	1	Honduras.....	8	5
Union of South Africa.....	25	27	Nicaragua.....	21	1
Asia:			Panama.....	26	0
Burma.....	1	0	Salvador.....	22	1
Ceylon.....	1	1	Iceland.....	3	1
China.....	6	108	Mexico.....	714	163
Formosa.....	9	2	Mexico (?).....	1	0
India.....	20	6	West Indies:		
Indo-China.....	3	1	Anguilla.....	4	0
Indonesia.....	1	1	Antigua.....	3	0
Iran.....	14	3	Bahamas.....	10	0
Island of Rhodes.....	1	0	Barbados.....	5	0
Israel.....	14	4	British West Indies.....	3	0
Japan.....	203	212	Cuba.....	36	6
Japan (?).....	1	0	Curacao.....	1	0
Lebanon.....	7	2	Dominica.....	2	0
Pakistan.....	0	1	Dominican Republic.....	13	3
Palestine.....	1	0	Grand Cayman.....	1	0
Straits Settlements.....	2	2	Grenada.....	1	0
Syria.....	0	1	Haiti.....	9	0
Thailand.....	5	3	Jamaica.....	23	7
Turkey.....	1	1	Jost Van Dykes.....	1	0
Australasia:			Martinique.....	0	1
Australia.....	21	17	Montserrat.....	1	0
Fiji Islands.....	4	1	Nevis.....	1	0
Guam.....	8	3	Puerto Rico.....	13	3
Hawaii.....	459	13	St. Croix.....	1	0
Kwajalein.....	1	0	St. Kitts.....	4	1
Kwajalein (?).....	1	0	St. Lucia.....	1	1
Midway Islands.....	3	0	St. Martin.....	1	0
Midway Islands (?).....	1	0	Tortola.....	19	0
New Guinea.....	1	0	Trinidad.....	12	4
New Zealand.....	2	3	South America.....	2	0
Okinawa.....	2	0	Argentina.....	3	23
Philippines.....	16	11	Brazil.....	29	75
Philippines (?).....	1	0	British Guiana.....	1	1
West Pacific.....	1	0	Chile.....	8	1
West Pacific (?).....	1	0	Colombia.....	11	2
Europe:			Ecuador.....	57	3
Austria.....	0	5	Netherlands Guiana.....	1	0
Azores.....	25	0	Paraguay.....	0	1
Belgium.....	13	3	Peru.....	4	4
Denmark.....	7	1	Venezuela.....	13	2
England.....	49	28	Total:		
England (?).....	1	0	Africa.....	62	38
France.....	44	3	Asia.....	290	348
France (?).....	1	0	Australasia.....	522	48
Germany.....	38	31	Europe.....	542	203
Germany (?).....	1	0	North America.....	1,111	232
Gibraltar.....	1	0	South America.....	129	112
Greece.....	13	4	Unknown.....	27	6
Ireland.....	4	9	Total.....	2,684	987
Italy.....	149	52	Total incompletely deter-		
Italy (?).....	0	1	mined pests.....	1,600	811
Netherlands.....	27	24	Total insect interceptions.....	4,283	-----
Northern Ireland.....	1	0	Total disease interceptions.....	-----	1,798
Norway.....	4	0	Grand total.....	-----	16,081

¹ This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 17,504.

NOTE.—Interceptions were also made from Afghanistan, Bahrein Island, East Africa, Eritrea, Ethiopia, Finland, French West Africa, French West Indies, Korea, Luxembourg, Malta, Marshall Islands, Norfolk Island, Poland, Ponape, Samoa, Saudi Arabia, Sierra Leone, Tanganyika, Tasmania, Uganda, Uruguay, and West Africa.

Pests collected and reported from July 1, 1955, through June 30, 1956

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
" <i>Acanthoscelides</i> " <i>spinipes</i> (Er.) (Bruchidae):					
<i>Acacia</i> sp.	Italy			1	N. Y.
<i>Mimosa</i> sp.	France	1			N. Y.
<i>Achatina fulica</i> Fer. (Mollusca):					
<i>Hedychium</i> sp. (torch ginger)	Hawaii	1			Hawaii.
<i>Acrolepia assectella</i> (Zell.) (Hyponomeutidae):					
<i>Allium porrum</i> (leek)	France, Netherlands, Spain		6		N. Y., Pa.
<i>Adetus mucoreus</i> Bates (Cerambycidae):					
<i>Copaifera hemitomophylla</i> ("cativo")	Colombia	1			Ga.
<i>Adoretus sinicus</i> Burm. (Scarabaeidae):					
Airplane	Hawaii, Japan, unknown		12		Hawaii.
Baggage	Hawaii	2			Hawaii.
<i>Cordyline terminalis</i> (ti)	do	1			Hawaii.
Flowers	do	1			Hawaii.
Orchid	do	1			Hawaii.
Personal effects	Hawaii, Japan	3			Hawaii.
<i>Zingiber officinale</i> (ginger)	Hawaii	1			Hawaii.
<i>Agroiconota propinqua</i> (Boh.) (Chrysomelidae):					
<i>Ananas comosus</i> (pineapple)	Dominican Republic			1	P. R.
<i>Swietenia mahagoni</i> (mahogany)	do			1	Fla.
<i>Agrotis ypsilon</i> (Rott.) (Phalaenidae):					
Airplane	Bermuda		1		Va.
<i>Aleurocanthus woglumi</i> (Ashby) (Aleyrodidae):					
<i>Citrus aurantifolia</i> (sour lime)	Mexico	1			Ariz.
<i>Citrus sinensis</i> (orange)	do	2			Calif., Tex.
<i>Citrus</i> sp.	do	5			Tex.
<i>Aleurothrixus floccosus</i> (Mask.) (Aleyrodidae):					
Leaf—unknown	Cuba	1			Fla.*
<i>Alpheias conspirata</i> Hein. (Galleriidae):					
<i>Ananas comosus</i> (pineapple)	Mexico	1			Tex.
<i>Alypiodes geronimo</i> (Barnes) (Phalaenidae):					
Cactus	Mexico			1	Ariz.
<i>Amorbia emigratella</i> Busck (Tortricidae):					
<i>Alpinia purpurata</i>	Hawaii	1			Hawaii.
<i>Delonix regia</i> (flamboyant tree)	do			1	Hawaii.
<i>Gardenia augusta</i> (gardenia)	do	1			Hawaii.
<i>Gladiolus</i> sp.	Mexico	1			Calif.*
<i>Jasminum multiflorum</i>	Hawaii	1			Hawaii.
<i>Nerium oleander</i> (oleander)	Midway Island	1			Hawaii.
<i>Pilea</i> sp.	Mexico	1			Tex.
<i>Plumeria</i> sp.	Hawaii	1			Hawaii.
<i>Psidium guajava</i> (guava)	Mexico	1			Calif.
<i>Punica granatum</i> (pomegranate)	do	2			Ariz., Tex.
<i>Vanda</i> sp. (orchid)	Hawaii	2		4	Hawaii.
<i>Anaphothrips orchidaceus</i> Bagn. (Thripidae):					
Orchid	Mexico			1	Tex.
<i>Anastrepha distincta</i> Greene (?) (Tephritidae):					
<i>Inga</i> sp.	Guatemala	2			La.
<i>Anastrepha fraterculus</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)	Venezuela	1			N. Y.
<i>Citrus paradisi</i> (grapefruit)	Brazil		1		N. Y.
<i>Citrus sinensis</i> (orange)	do		2		Pa.
<i>Anastrepha fraterculus</i> (Wied.) (?) (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)	do		1		Tex.
<i>Citrus sinensis</i> (orange)	Argentina, Brazil		2		Tex., Va.
<i>Anastrepha ludens</i> (Loew) (Tephritidae):					
<i>Citrus aurantifolia</i> (sweet lime)	Mexico	7			Ariz., Tex.
<i>Citrus limon</i> var. <i>ponderosa</i> (ponderosa lemon)	do	1			Tex.
<i>Citrus paradisi</i> (grapefruit)	Mexico, Nicaragua	8	1		Calif.*, Tex.
<i>Citrus reticulata</i> (Mandarin orange)	Mexico	2			Tex.
<i>Citrus sinensis</i> (orange)	Guatemala, Mexico	83	13		Ariz., Calif., La., Md., N. Y., Tex.
<i>Cydonia oblonga</i> (quince)	Mexico	4			Tex.
<i>Malus sylvestris</i> (apple)	do	3			Tex.
<i>Mangifera indica</i> (mango)	do	40	2		Ariz., Calif., La., Tex.
<i>Punica granatum</i> (pomegranate)	do	3			Tex.
<i>Pyrus communis</i> (pear)	do	18			Tex.
Sapote	do	1			Tex.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Anastrepha ludens</i> (Loew) (?) (Tephritidae):					
<i>Pyrus communis</i> (pear)-----	do-----	3	-----	-----	Tex.
<i>Anastrepha mombinpraeoptans</i> Sein (Tephritidae):					
<i>Citrus paradisi</i> (grapefruit)-----	Barbados-----	-----	1	-----	Fla.*
<i>Eugenia floribunda</i> (guava-berry)-----	Tortola-----	2	-----	-----	St. Croix.
<i>Mangifera indica</i> (mango)-----	Costa Rica, Cuba, Dominica, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador.	84	6	-----	Ala., Calif., Calif.*, Fla.*, Ill., La., Md., Pa., P.R., St. Croix, St. Thomas and St. John, S. C., Tex.
<i>Prunus amygdalus</i> (almond)-----	Trinidad-----	-----	1	-----	Ala.
<i>Psidium guajava</i> (guava)-----	Mexico, Nicaragua, Trinidad.	4	-----	-----	La., P. R., Tex.
<i>Pyrus communis</i> (pear)-----	Mexico-----	1	-----	-----	Tex.
<i>Spondias mombin</i> (yellow mombin)-----	Guatemala, Jost Van Dykes, Nicaragua, Salvador.	7	-----	-----	Calif.*, La., St. Thomas and St. John.
<i>Spondias purpurea</i> (purple mombin)-----	Nicaragua-----	-----	-----	1	Calif.*
<i>Spondias</i> sp. (mombin)-----	Nicaragua, Panama, Salvador.	4	-----	-----	Tex.
<i>Anastrepha serpentina</i> (Wied.) (Tephritidae):					
<i>Achras zapota</i> (sapodilla)-----	Guatemala, Nicaragua, Salvador.	3	-----	-----	Calif.*
<i>Annona</i> sp-----	Peru-----	1	-----	-----	Fla.*
<i>Calocarpum sapota</i> (mamey sapota)-----	Mexico-----	1	-----	-----	Tex.
<i>Chrysophyllum cainito</i> (star-apple)-----	Guatemala-----	2	-----	-----	La.
Passenger's cabin-----	Unknown-----	-----	1	-----	Fla.
<i>Anastrepha serpentina</i> (Wied.) (?) (Tephritidae):					
<i>Calocarpum sapota</i> (mamey) sapota-----	Mexico-----	1	-----	-----	Tex.
<i>Anastrepha striata</i> Schiner (Tephritidae):					
<i>Mangifera indica</i> (mango)-----	Panama-----	-----	1	-----	S. C.
<i>Psidium guajava</i> (guava)-----	British Honduras, Costa Rica, Guatemala, Mexico, Nicaragua, Salvador.	9	1	-----	Ariz., La., Tex.
<i>Anastrepha striata</i> Schiner (?) (Tephritidae):					
<i>Psidium guajava</i> (guava)-----	Mexico-----	1	-----	-----	Tex.
<i>Anchastus flavovittatus</i> Cham. (Elateridae):					
Orchid-----	do-----	-----	-----	1	Tex.
<i>Ancylostomia stercorea</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Anguilla, Antigua, Bahamas, Haiti, Jamaica, Panama, Tortola.	15	-----	-----	Ala., Fla.*, N. Y., St. Croix, St. Thomas and St. John.
<i>Anomala albopilosa</i> Hope (Scarabaeidae):					
Airplane-----	Japan-----	-----	1	-----	Hawaii.
<i>Anomala cuprea</i> (Hope) (Scarabaeidae):					
Airplane-----	do-----	-----	2	-----	Hawaii.
<i>Anomala orientalis</i> Waterh. (Scarabaeidae):					
Airplane-----	do-----	-----	3	-----	Hawaii.
<i>Anomala pleurimargo</i> Reitt. (Scarabaeidae):					
Airplane-----	do-----	-----	2	-----	Hawaii.
<i>Anomala schoenfeldti</i> Ohaus (Scarabaeidae):					
Airplane-----	do-----	-----	1	-----	Hawaii.
<i>Anomala sulcatula</i> Burm. (Scarabaeidae):					
Airplane-----	do-----	-----	1	-----	Hawaii.
<i>Anthonomus rectirostris</i> (L.) (Curculionidae):					
<i>Prunus nipponica</i> (takane cherry)-----	Japan-----	-----	-----	1	D. C.
<i>Anthonomus ruficollis</i> Champ. (Curculionidae):					
Orchid-----	Mexico-----	-----	-----	1	N. J.
<i>Anuraphis cardui</i> (L.) (Aphidae):					
<i>Cynara scolymus</i> (globe artichoke)-----	Morocco-----	-----	1	-----	Pa.
<i>Anuraphis tulipae</i> (Forsk.) (Aphidae):					
<i>Gladiolus</i> sp-----	England-----	-----	1	-----	Mass.
<i>Iris</i> sp-----	England, New Zealand-----	-----	-----	2	N. J., Wash.
<i>Aonidiella inornata</i> McKenzie (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Philippines-----	2	-----	-----	Calif.*
<i>Piper</i> sp-----	Guam-----	1	-----	-----	Calif.*

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[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Aphanus umbrosus</i> (Dist.) (Lygaeidae): With bromeliad and orchid plants	Mexico			1	Ariz.
<i>Aphthona nanyoensis</i> Chujo (Chrysomelidae): Airplane	Unknown		1		Hawaii.
<i>Apion griseum</i> Sm. (Curculionidae): <i>Phaseolus vulgaris</i> var. (string bean)	Mexico	8			Tex.
<i>Apion pomonae</i> F. (Curculionidae): <i>Vicia sativa</i> (vetch)	Azores, Madeira Islands	2			Mass.
<i>Aplocnemus aerosus</i> (Schilsky) (Melyridae): <i>Themeda triandra</i>	Union of South Africa			1	D. C.
<i>Araecerus vieillardii</i> Montrz. (Anthribidae): <i>Operculina tuberosa</i> (wood-rose)	Hawaii	1			Hawaii.
<i>Arcte caerulea</i> (Guen.) (Phalaenidae): Airplane	Japan (?)		1		Hawaii.
<i>Argyresthia conjugella</i> Zell. (Hyponomeutidae): <i>Malus sylvestris</i> (apple)	Norway, Sweden	2			Mass., N. Y.
<i>Aspidiotus destructor</i> Sign. (Coccidae): <i>Annona squamosa</i> (sugar-apple)	Tortola	2			St. Thomas and St. John, Calif.*, Tex.
<i>Cocos nucifera</i> (coconut)	Colombia, Guatemala, Mexico.	8	1		
Palm	Trinidad		1		P. R.
<i>Aspidiotus herculeanus</i> (Ckll. & Hadd.) (Coccidae): <i>Mammea americana</i> (mamey)	Mexico		1		Calif.*
<i>Asterolecanium epidendri</i> (Bouche) (Coccidae): <i>Oncidium</i> sp. (orchid)	Trinidad			1	Fla.
Orchid	Brazil, Costa Rica, Ecuador, Jamaica.			4	Calif.*, Fla.
<i>Stanhopea</i> sp. (orchid)	Ecuador			1	Calif.*
<i>Asterolecanium pustulans</i> (Ckll.) (Coccidae): <i>Ficus carica</i> (fig)	Mexico	1			Tex.
<i>Athesapeuta cyperi</i> Mshl. (Curculionidae): Airplane	Hawaii		1		Hawaii.
With <i>Cyperus</i> sp. and <i>Lycopodium</i> sp.	do	1			Hawaii.
<i>Aufeius impressicollis</i> Stal (Coreidae): <i>Capsicum frutescens</i> (pepper)	Mexico	1			Ariz.
<i>Aulacaspis mangiferae</i> Newst. (Coccidae): <i>Mangifera indica</i> (mango)	Nicaragua, Salvador	2			Calif.*, Tex.
Plant	Venezuela	1			Calif.*
<i>Austrotortrix postvittana</i> (Wlk.) (Tortricidae): <i>Malus sylvestris</i> (apple)	New Zealand	1			N. Y.
<i>Barbara tessulatana</i> (Stdgr.) (Olethreutidae): <i>Cupressus</i> sp. (cypress)	Greece			1	N. Y.
<i>Bephrata maculicollis</i> Cam. (Eurytomidae): <i>Annona muricata</i> (soursop)	Venezuela	1			P. R.
<i>Blissus leucopterus</i> (Say) (Lygaeidae): <i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Sorghum vulgare</i> (sorghum)	do	1			Tex.
<i>Bouhelia maroccana</i> Balachowsky (Coccidae): <i>Muscari comosum</i> (cipollino)	Morocco	1			N. Y.
<i>Brachycerus albidentatus</i> Gyll. (Curculionidae): <i>Allium sativum</i> (garlic)	Italy	1			Tex.
<i>Brachycerus algirus</i> (F.) (Curculionidae): <i>Allium sativum</i> (garlic)	Italy, Spain	5			N. Y., P. R.
<i>Brachyrhinus ovatus</i> (L.) (Curculionidae): Plants—miscellaneous	Netherlands			1	Wash.
On box containing <i>Rhododendron indicum</i>	Belgium			1	N. J.
<i>Brachyrhinus singularis</i> (L.) (Curculionidae): Forest litter packing for cut heather	Scotland	1			Ill.
<i>Bradybaena similis</i> (Fer.) (Mollusca): <i>Ananas comosus</i> (pineapple)	Brazil	1			P. R.
<i>Anthurium andraeanum</i>	Hawaii	1			Hawaii.
<i>Anthurium</i> sp.	do	6		1	Hawaii.
<i>Anthurium</i> and bird-of-paradise flowers	do	1			Hawaii.
<i>Colocasia</i> sp.	do	1			Hawaii.
<i>Cordyline terminalis</i> (ti)	do	3		1	Hawaii.
<i>Cordyline</i> sp.	do	1			Hawaii.
<i>Dieffenbachia</i> sp.	do	1			Hawaii.
<i>Gardenia augusta</i> (gardenia)	do	1			Hawaii.
<i>Hedychium</i> sp. (torch ginger)	do	1			Hawaii.
<i>Heliconia</i> sp.	do	1			Hawaii.

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		Consumption	Non-entry	Propagation	
<i>Bradybaena similaris</i> —Continued					
<i>Lilium</i> sp. (lily)	Bermuda	1			N. Y.
<i>Phaeomeria speciosa</i>	Hawaii	1			Hawaii.
<i>Philodendron</i> sp.	do	1			Hawaii.
<i>Plumeria</i> sp.	do			1	Hawaii.
<i>Vanda joaquimiae</i> (orchid)	do	3			Hawaii.
<i>Vanda</i> sp.	do	94			Hawaii.
<i>Bregmatothrips iridis</i> Wats. (Thripidae):					
<i>Iris kaempferi</i> (Japanese iris)	Netherlands	1			N. J.
<i>Iris</i> sp.	England			1	N. J.
<i>Brevipalpus inornatus</i> (Banks) (Tenuipalpidae):					
<i>Camellia japonica</i> (camellia)	Okinawa			1	D. C.
<i>Pittosporum tobira</i>	Japan			1	D. C.
<i>Serissa foetida</i>	do			1	D. C.
<i>Brevipalpus oudemansi</i> (Geijskes) (Tenuipalpidae):					
<i>Malus sylvestris</i> (apple)	Spain			1	D. C.
<i>Bruchidius algiricus</i> (Allard) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Egypt	1			Mass.
<i>Bruchidius dorsalis</i> Fahr. (Bruchidae):					
<i>Gleditsia</i> sp.	Japan			1	Wash.
<i>Bruchidius gilvus</i> (Gyll.) (Bruchidae):					
<i>Onobrychis</i> sp.	Turkey			1	D. C.
<i>Bruchidius incarnatus</i> (Boh.) (Bruchidae):					
<i>Vicia faba</i> (broadbean)	Germany		1		Va.
<i>Bruchidius picipes</i> (Germ.) (Bruchidae):					
<i>Astragalus</i> sp.	Iran			1	D. C.
<i>Bruchophagus coluteae</i> (Boucek) (Eurytomidae):					
<i>Colutea arborescens</i>	Italy			1	N. J.
<i>Bruchophagus glycyrrhizae</i> Nik. (Eurytomidae):					
<i>Glycyrrhiza</i> sp.	Iran			1	D. C.
<i>Bruchophagus mellipes</i> Gahan (Eurytomidae):					
<i>Sesbania sesban</i>	India			1	D. C.
<i>Bruchophagus onobrychidis</i> (Nik.) (Eurytomidae):					
<i>Onobrychis viciaefolia</i>	Iran			1	D. C.
<i>Onobrychis</i> sp.	do			2	D. C.
<i>Bruchophagus ononis</i> (Mayr) (Eurytomidae):					
<i>Ononis pubescens</i>	Israel			1	D. C.
<i>Bruchus brachialis</i> Fahr. (Bruchidae):					
<i>Lathyrus</i> sp.	Iran			1	D. C.
<i>Vicia villosa</i> (hairy vetch)	France			2	Md.
<i>Bruchus emarginatus</i> Allard (Bruchidae):					
<i>Pisum sativum</i> (pea)	Burma	1			N. Y.
<i>Vicia ervilia</i> (bitter vetch)	Iran			1	D. C.
<i>Bruchus ervi</i> Froh. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	2			N. Y.
<i>Bruchus lentis</i> Froel. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	France, Italy, Lebanon, Libya, Union of South Africa, unknown.	4	2	1	N. Y., Oreg., Tex.
<i>Bruchus luteicornis</i> Ill. (Bruchidae):					
<i>Vicia angustifolia</i>	Germany			1	N. J.
<i>Vicia sativa</i> (vetch)	Azores, Portugal	2			Mass., N. Y.
<i>Vicia</i> sp.	Portugal			1	D. C.
<i>Bruchus signaticornis</i> Gyll. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Italy	3			N. Y.
<i>Bruchus tristiculus</i> Fahr. (Bruchidae):					
<i>Vicia sativa</i> (vetch)	Azores			1	N. Y.
<i>Bruchus tristis</i> Boh. (Bruchidae):					
Bean	Greece			1	Ill.
<i>Lathyrus cicera</i>	Iran			1	D. C.
<i>Lathyrus sativus</i>	Italy	1			N. Y.
<i>Lathyrus</i> sp.	do	1			N. Y.
<i>Bruchus ulicis</i> Muls. (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Iran			1	D. C.
<i>Vicia</i> sp.	do			1	D. C.
<i>Cacoecia pronubana</i> (Hbn.) (?) (Tortricidae):					
<i>Rosmarinus officinalis</i> (rosemary)	Italy	1			Mass.
<i>Callosobruchus analis</i> (F.) (Bruchidae):					
<i>Lens culinaris</i> (lentil)	Union of South Africa		1		Tex.
<i>Callosobruchus maculatus</i> (F.) (Bruchidae):					
Bean	Bahamas, India, Jamaica, Nigeria.	3		1	Fla., Ill., N. Y.
<i>Cajanus cajan</i> (pigeonpea).	Cape Verde Islands, Jamaica	2			Fla., Mass.

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		Consumption	Non-entry	Propagation	
<i>Callosobruchus maculatus</i> —Continued					
<i>Dolichos lablab</i>	Cape Verde Islands.....	1			Mass.
<i>Glycine max</i> (soybean).....	Japan.....		1		La.
<i>Phaseolus aureus</i> (mung bean).....	Iran.....			1	D. C.
<i>Phaseolus lunatus macrocarpus</i> (lima bean).....	Cape Verde Islands.....	1			Mass.
<i>Phaseolus vulgaris</i>	Brazil.....		1		Pa.
<i>Pisum sativum</i> (pea).....	China, Italy, Japan.....	1	2		Ill., Va., Wash.
<i>Vicia faba</i> (broadbean).....	Mexico.....	4			Tex.
<i>Vigna sinensis</i> (cowpea).....	Iran, Nigeria.....			2	D. C., N. J.
<i>Callosobruchus phaseoli</i> (Gyll.) (Bruchidae):					
<i>Dolichos lablab</i>	Australia.....			1	D. C.
<i>Calyptocephala gerstaeckeri</i> Boh. (Chrysomelidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	1			Tex.
<i>Carposina sasakii</i> Mats. (Carposinidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....	4	7		Hawaii, Pa., Tex., Wash.
<i>Caryedon fuscus</i> (Goeze) (Bruchidae):					
<i>Arachis hypogaea</i> (peanut).....	Cape Verde Islands.....		1		Mass.
Legume seed.....	Azores.....			1	Mass.
Tree seed.....	India.....			1	N. J.
<i>Cassida circumdata</i> Herbst. (Chrysomelidae):					
Airplane.....	Guam, Hawaii, unknown.....		6		Hawaii.
<i>Caulophilus latinasus</i> (Say) (Curculionidae):					
<i>Phaseolus</i> sp.....	Mexico.....		1		Tex.
Plants and seeds—miscellaneous.....	do.....			1	Tex.
<i>Cephalodonta callosa</i> Baly (Chrysomelidae):					
<i>Stanhopea</i> sp. (orchid).....	Canal Zone.....			1	Fla.
<i>Ceratitis capitata</i> (Wied.) (Tephritidae):					
<i>Averrhoa carambola</i> (carambola).....	Hawaii.....	1			Calif.*
<i>Citrus aurantifolia</i> (sweet lime).....	Azores.....	1			Mass.
<i>Citrus paradisi</i> (grapefruit).....	Israel, Italy.....		3		N. Y., Tex.
<i>Citrus reticulata</i> (Mandarin orange).....	Cape Verde Islands, Israel, Italy.....	4			Mass., N. Y.
<i>Citrus sinensis</i> (orange).....	Algeria, Azores, Brazil, Canary Islands, Egypt, Greece, Israel, Italy, Lebanon, Portugal, Spain, Union of South Africa.....	10	34		Ala., Fla.*, La., Mass., N. Y., Pa., Tex., Va.
<i>Coffea</i> sp. (coffee).....	Brazil, Hawaii.....	8			Calif.*, Hawaii, Tex.
<i>Crataegus</i> sp.....	Italy.....	1			N. Y.
<i>Cydonia oblonga</i> (quince).....	Greece.....	1			N. Y.
<i>Eriobotrya japonica</i> (loquat).....	Azores.....	1			Mass.
<i>Ficus carica</i> (fig).....	Island of Rhodes, Italy.....	4			Mass., N. Y.
<i>Malus sylvestris</i> (apple).....	Azores, Italy, Portugal, Spain.....	2	6		Mass., N. Y., Pa., Tex.
<i>Mespilus germanica</i> (medlar).....	Italy.....	1			N. Y.
<i>Opuntia humifusa</i> (pricklypear).....	do.....	5	1		Mass., N. Y.
<i>Prunus armeniaca</i> (apricot).....	Italy, Spain, unknown.....	2	5		N. Y., Va.
<i>Prunus persica</i> (peach).....	Brazil, France, Italy, Lebanon, Portugal, Spain, unknown.....	7	14		Mass., N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	France.....		1		N. Y.
<i>Psidium guajava</i> (guava).....	Azores, Israel.....	2			Mass., N. Y.
<i>Punica granatum</i> (pomegranate).....	Italy.....	1			N. Y.
<i>Pyrus communis</i> (pear).....	France, Libya, Portugal, Spain, unknown.....	4	7		Ill., Md., Mass., N. Y., Pa., P. R.
<i>Ceratitis capitata</i> (Wied.) (?) (Tephritidae):					
<i>Citrus limon</i> (lemon).....	Spain.....		1		Mass.
<i>Citrus paradisi</i> (grapefruit).....	British East Africa.....		1		Mass.
<i>Citrus sinensis</i> (orange).....	Azores, Brazil, Israel, Italy, Palestine, Portugal, Spain.....	4	10		Mass.
<i>Coffea</i> sp. (coffee).....	Hawaii.....	1			Hawaii.
<i>Diospyros</i> sp. (persimmon).....	Italy.....	1			Mass.
<i>Eugenia malaccensis</i> (mountain apple).....	Hawaii.....	1			Hawaii.
<i>Malus sylvestris</i> (apple).....	Azores (?), Portugal.....		4		Mass., Pa.
<i>Mangifera indica</i> (mango).....	Hawaii.....	1			Hawaii.
<i>Opuntia humifusa</i> (pricklypear).....	Italy.....	1			N. Y.
<i>Prunus amygdalus</i> (almond).....	Greece.....	1			Mass.
<i>Prunus persica</i> (peach).....	Italy, Spain, unknown.....	1	2		Mass., N. Y.
<i>Prunus persica nectarina</i> (nectarine).....	Brazil.....		1		N. Y.

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		Consumption	Non-entry	Propagation	
<i>Ceratis capitata</i> (?)—Continued					
<i>Psidium guajava</i> (guava)-----	Azores, Portugal, South America.	3	1	----	Mass., P. R.
<i>Pyrus communis</i> (pear)-----	Italy-----	-----	1	----	Mass.
<i>Vitis</i> sp. (grape)-----	Azores-----	1	-----	-----	Mass.
<i>Cerconota anonella</i> (Sepp) (Stenomidae):					
<i>Annona muricata</i> (soursop)-----	Colombia-----	-----	1	----	Ga.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alpinia purpurata</i> -----	Hawaii-----	1	-----	-----	Hawaii.
<i>Alyxia olivaeformis</i> (maile)-----	do-----	7	-----	-----	Hawaii.
<i>Anthurium</i> sp-----	do-----	-----	-----	1	Hawaii.
<i>Fatsia japonica</i> (fatsia)-----	Japan-----	-----	-----	1	Calif.*
<i>Chaetocnema ectypa</i> Horn (Chrysomelidae):					
<i>Chamaedorea</i> sp-----	Mexico-----	1	-----	-----	Tex.
<i>Chalcodermus dentiferus</i> Faust (Curculionidae):					
<i>Ananas comosus</i> (pineapple)-----	do-----	1	-----	-----	Tex.
<i>Characoma albulalis</i> Wlk. (Phalaenidae):					
Airplane-----	Kwajalein (?)-----	-----	1	----	Hawaii.
<i>Charidotis seminulum</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i> -----	Mexico-----	2	-----	-----	Tex.
<i>Chamaedorea</i> sp-----	do-----	1	-----	-----	Tex.
<i>Chelymorpha varians</i> Blanch. (Chrysomelidae):					
<i>Vitis</i> sp. (grape)-----	Chile-----	1	-----	-----	N. Y.
<i>Chilo loftini</i> Dyar (Crambidae):					
<i>Saccharum officinarum</i> (sugarcane)-----	Mexico-----	1	-----	-----	Calif.
<i>Chilo suppressalis</i> (Wlk.) (Crambidae):					
<i>Oryza sativa</i> (rice)-----	Japan-----	3	3	----	Calif.*, Ha- wail, Wash.
<i>Chlorophorus annularis</i> (F.) (Cerambycidae):					
<i>Anthurium</i> sp-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Chrysobothris adelpha</i> G. & H. (Buprestidae):					
Airplane-----	Unknown-----	-----	1	----	Hawaii.
<i>Chrysomphalus bifasciculatus</i> Ferris (Coccidae):					
<i>Citrus reticulata</i> (Mandarin orange)-----	Japan-----	-----	3	----	Calif.*
<i>Fatsia japonica</i> (fatsia)-----	do-----	-----	-----	1	Calif.*
<i>Chrysomphalus odontoglossi</i> (Ckll.) (Coccidae):					
<i>Mammea americana</i> (mamey)-----	Mexico-----	-----	1	----	Calif.*
<i>Chrysomphalus personatus</i> (Comst.) (Coccidae):					
<i>Camellia japonica</i> (camellia)-----	do-----	1	-----	-----	Calif.*
<i>Citrus sinensis</i> (orange)-----	Canal Zone-----	-----	2	----	Fla.*
<i>Chrysomphalus umboniferus</i> (Newst.) (Coccidae):					
Aroid leaf-----	Venezuela-----	-----	-----	1	P. R.
<i>Laelia</i> sp. (orchid)-----	Costa Rica-----	-----	-----	1	Fla.
Orchid-----	Canal Zone, Honduras-----	-----	-----	2	Calif.*, Fla.
<i>Clerada apicicornis</i> Sign. (Lygaeidae):					
<i>Chamaedorea</i> sp-----	Mexico-----	1	-----	-----	Tex.
<i>Vanda</i> sp. (orchid)-----	Hawaii-----	1	-----	-----	Hawaii.
<i>Cnephasia longana</i> (Haw.) (Tortricidae):					
<i>Lactuca sativa</i> (lettuce)-----	England-----	-----	1	----	Mass.
<i>Cnephasia vigauzeana</i> (Treit.) (Tortricidae):					
Flowers—assorted-----	do-----	1	-----	-----	Mass.
<i>Coccus viridis</i> (Green) (Coccidae):					
<i>Bryophyllum pinnatum</i> -----	Hawaii-----	-----	-----	1	Hawaii.
<i>Coffea</i> sp. (coffee)-----	do-----	1	-----	-----	Hawaii.
<i>Gardenia augusta</i> (gardenia)-----	Central America, Cuba, Ha- wail.	22	-----	1	Calif.*, Ha- wail, N. Y.
<i>Ixora</i> sp-----	Bahamas-----	1	-----	-----	Fla.*
<i>Pachira</i> sp-----	Dominican Republic-----	-----	-----	1	Hawaii.
<i>Psidium guajava</i> (guava)-----	Tortola-----	1	-----	-----	St. Thomas & St. John.
<i>Colaspis suturalis</i> Lef. (Chrysomelidae):					
Airplane-----	Mexico-----	-----	1	----	Tex.
<i>Colasposoma metallicus rugiceps</i> Lef. (Chrysomelidae):					
Airplane-----	Japan-----	-----	1	----	Hawaii.
<i>Conotrachelus aguacatae</i> Barber (Curculionidae):					
<i>Persea americana</i> (avocado)-----	Mexico-----	15	-----	-----	Tex.
<i>Coptotermes formosanus</i> Shiraki (Rhinotermitidae):					
Airplane-----	Japan, Philippines (?)-----	-----	2	----	Hawaii.
<i>Coptotermes niger</i> Snyder (Rhinotermitidae):					
Wooden packing case-----	Nicaragua-----	6	-----	-----	La.
<i>Cosmopolites sordidus</i> (Germ.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana)-----	Panama-----	-----	-----	1	Tex.

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<i>Cosmopsaltria fuliginosa</i> (Wlk.) (Cicadidae): Airplane	Philippines		1		Hawaii.
<i>Crioceris asparagi</i> (L.) (Chrysomelidae): Asparagus sp.	England	1			N. Y.
<i>Crociosema plebeiana</i> Zell. (Olethreutidae): Hibiscus esculentus (okra)	Cuba	1			N. Y.
<i>Crophius dirupta</i> (Dist.) (Lygaeidae): Orchid	Mexico			1	Calif.*
<i>Cryphula apicatus</i> (Dist.) (Lygaeidae): Bromeliad and cycad plants	do			1	Ariz.
Orchid	British Honduras, Mexico			4	Ariz., Tex.
<i>Cryptoblabes gnidiella</i> (Mill.) (Phycitidae): Citrus sinensis (orange)	Israel, Spain (?)		2		Mass., Pa.
Diospyros sp. (persimmon)	Italy		1		N. Y.
Punica granatum (pomegranate)	do	1			N. Y.
<i>Cryptophlebia illepidia</i> (Btlr.) (Olethreutidae): Macadamia sp.	Hawaii	4			Hawaii.
Plant root—unidentified	do	1			Hawaii.
Samanea saman (monkey pod)	do	1			Hawaii.
<i>Cryptotermes brevis</i> (Wlk.) (Kalotermitidae): Clothing	do	1			Hawaii.
Mail package	do	1			Hawaii.
<i>Ctenochira aspersa</i> Champ. (Chrysomelidae): Chamaedorea oblongata	Mexico	1			Tex.
<i>Curculio elephas</i> (Gyll.) (Curculionidae): Castanea sp. (chestnut)	Greece, Italy, Spain	11	1		Ill., N. Y., St. Thomas and St. John.
Quercus ilex (holly oak)	Spain			1	N. J.
Quercus suber (cork oak)	Italy, Spain			2	N. J.
Quercus sp.	Lebanon	1		1	N. J., N. Y.
<i>Curculio nucum</i> L. (Curculionidae): Castanea sp. (chestnut)	Italy	1			Ill.
<i>Cylas formicarius</i> (F.) ssp. (Curculionidae): Ipomoea batatas (sweetpotato)	Philippines, Thailand	1		1	D. C., Hawaii.
Ipomoea sp.	China	1			Hawaii.
<i>Cylas formicarius elegantulus</i> (Summers) (Curculionidae): Ipomoea batatas (sweetpotato)	Cuba, Dominican Republic, Mexico, Puerto Rico, Tortola.	8	4		La., P. R., St. Croix, St. Thomas and St. John, Tex.
<i>Cylas formicarius formicarius</i> (F.) (Curculionidae): Ipomoea batatas (sweetpotato)	India, Thailand	2			Hawaii, S. C.
<i>Dactylotrypes uyttenboogaarti</i> Eggers (Scolytidae): Cupressus arizonica (Arizona cypress)	France			1	D. C.
<i>Dacus cucurbitae</i> Coq. (Tephritidae): Airplane	Hawaii (?), unknown		2		Hawaii.
Cucumis sativus (cucumber)	Hawaii		6		Calif.*
Lycopersicon esculentum (tomato)	do		5		Calif.*
<i>Dacus cucurbitae</i> Coq. (?) (Tephritidae): Cucumis sativus (cucumber)	do		3		Calif.*
<i>Dacus dorsalis</i> Hend. (Tephritidae): Airplane	Hawaii, West Pacific (?)		2		Hawaii.
Carica papaya (papaya)	Hawaii, Philippines	2			Hawaii.
Coffea sp. (coffee)	Hawaii	13			Hawaii.
Cordyline terminalis (ti)	do	1			Hawaii.
Diospyros sp. (persimmon)	do	1			Hawaii.
Ficus sp. (fig)	do	1			Hawaii.
Mangifera indica (mango)	do	5			Hawaii.
Psidium guajava (guava)	do	1			Hawaii.
<i>Dacus dorsalis</i> Hend. (?) (Tephritidae): Mangifera indica (mango)	do	1			Calif.*
Terminalia catappa (tropical almond)	do	1			Hawaii.
Thevetia peruviana	do	1			Hawaii.
<i>Dacus oleae</i> Gmel. (Tephritidae): Olea europaea (olive)	Greece, Italy, Lebanon, Portugal.	15	2		Mass., N. Y., Va.
<i>Dacus passiflorae</i> Frogg. (?) (Tephritidae): Mangifera indica (mango)	Fiji	2			Hawaii.
<i>Deloyala guttata</i> (Oliv.) (Chrysomelidae): Chamaedorea sp.	Mexico	2			Tex.
Orchid	do			1	Tex.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Deloyala lecontei</i> (Cr.) (Chrysomelidae): Orchid	do			1	Ariz.
<i>Dendrocoris variegatus</i> Nelson (Pentatomidae): Orchid	do			1	Ariz.
<i>Deroceras reticulatum</i> (Muller) (Mollusca): Brassica oleracea capitata (cabbage)	Denmark, England		2		Pa.
Bromeliaceae	Mexico			1	Calif.*
<i>Cordyline terminalis</i> (ti)	Hawaii	8			Hawaii.
Fern	do			1	Hawaii.
Foliage	do	1			Hawaii.
<i>Gesneria</i> sp.	Colombia			1	Fla.
<i>Lactuca sativa</i> (lettuce)	England		1		Mass.
Orchid	Brazil, Mexico	1		2	Fla., La., Tex.
<i>Plumeria</i> sp.	Hawaii			1	Hawaii.
Soil with plants	Madeira Islands			1	Mass.
<i>Vanda</i> sp. (orchid)	Hawaii	2		2	Hawaii.
<i>Deroceras reticulatum</i> (Muller) (?) (Mollusca): <i>Malus sylvestris</i> (apple)	Peru		1		La.
<i>Dialeurodes chittendeni</i> Laing (Aleyrodidae): <i>Rhododendron</i> sp.	England			1	N. J.
<i>Dialeurodes chittendeni</i> Laing (?) (Aleyrodidae): <i>Rhododendron</i> "Mrs. P. Den Ouden"	Netherlands			1	N. J.
<i>Dialeurodes citri</i> (Ashm.) (Aleyrodidae): <i>Citrus aurantium</i> (bitter orange)	Japan		1		Calif.*
<i>Citrus reticulata</i> (Mandarin orange)	do		1		Calif.*
<i>Gardenia augusta</i> (gardenia)	do		1		Hawaii.
<i>Dialeurodes kirkaldyi</i> (Kot.) (?) (Aleyrodidae): <i>Jasminum</i> sp.	Hawaii			1	Hawaii.
<i>Diaprepes abbreviata</i> (L.) (Curculionidae): <i>Delphinium</i> sp.	Haiti	1			Fla.*
<i>Diaprepes famelicus</i> Ol. var. (Curculionidae): Baggage	Bermuda	1			N. Y.
<i>Dichocrocis punctiferalis</i> (Guen.) (Pyraustidae): <i>Pinus strobus</i> (white pine)	Japan		1		N. Y.
<i>Pinus</i> sp. (5-leaved pine)	do			1	Wash.
<i>Diocalandra taitensis</i> (Guer.) (Curculionidae): Baggage	Hawaii	1			Hawaii.
<i>Cocos nucifera</i> (coconut)	Guam, Hawaii	2			Hawaii, Wash.
<i>Diorymerellus laevimargo</i> Champ. (Curculionidae): <i>Brassavola digbyana</i> (orchid)	Honduras			1	Hawaii.
<i>Brassia</i> sp. (orchid)	British Honduras			1	Tex.
Orchid	British Honduras, Honduras, Mexico.			13	Fla., Tex.
<i>Dryocoetes autographus</i> (Ratz.) (Scolytidae): <i>Pinus</i> sp. (pine)	Sweden	1			Ala.
<i>Dysdercus rusticus</i> Stal (Pyrrhocoridae): <i>Copaifera hemitomophylla</i>	Colombia	1			Ga.
<i>Dyspessa ulula</i> (Bkh.) (Cossidae): <i>Allium sativum</i> (garlic)	Italy	3			La., N. Y., P. R.
<i>Epicaerus fallax</i> Boh. (Curculionidae): <i>Chamaedorea</i> sp.	Mexico	1			Tex.
<i>Epichorista ionephala</i> Meyr. (Tortricidae): <i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	2			N. Y.
<i>Epilachna paenulata</i> (Germ.) (Coccinellidae): <i>Musa paradisiaca sapientum</i> (banana)	Ecuador	1			Tex.
<i>Epilachna philippinensis</i> Dieke (Coccinellidae): Clothing	Guam	1			Hawaii.
<i>Epinotia aporema</i> (Wlsm.) (Olethreutidae): <i>Phaseolus vulgaris</i> var. (string bean)	Mexico	3			Tex.
<i>Ereunetis flavistriata</i> Wlsm. (Tineidae): <i>Ananas comosus</i> (pineapple)	Hawaii	1			Hawaii.
<i>Cocos nucifera</i> (coconut)	do	4			Hawaii.
<i>Leucaena glauca</i>	do	1			Hawaii.
<i>Eriophyes canestrinii</i> (Nal.) (Eriophyidae): <i>Buxus sempervirens</i> (box)	Netherlands			2	N. J.
<i>Ernobius mollis</i> (L.) (Anobiidae): <i>Pinus</i> sp. (pine)	England, Sweden	3			N. Y.
<i>Eucalymnatus tessellatus</i> (Sign.) (Coccidae): <i>Gardenia augusta</i> (gardenia)	Mexico	1			Tex.
Palm	Cuba	1			Fla.*
<i>Philodendron</i> sp.	Bahamas			1	Va.

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<i>Euethola bidentata</i> (Burm.) (Scarabaeidae):					
<i>Ananas comosus</i> (pineapple).....	do.....	1			Tex.
<i>Euethola rugiceps</i> (Lec.) (Scarabaeidae):					
Soil with potted plant.....	Japan.....		1		Tex.
<i>Eulia auraria</i> Clarke (Tortricidae):					
<i>Prunus domestica</i> (plum).....	Chile.....	1			N. Y.
<i>Eurytoma orchidearum</i> (Westw.) (Eurytomidae):					
<i>Cattleya mossiae</i> (orchid).....	Venezuela.....			1	N. J.
<i>Cattleya</i> sp.....	do.....			2	N. J.
<i>Cladobium ceracifolium</i>	Brazil.....			1	N. J.
<i>Epidendrum radicans</i> (orchid).....	Costa Rica.....			1	Fla.
<i>Euscepes postfasciatus</i> (Fairm.) (Curculionidae):					
<i>Ipomoea batatas</i> (sweetpotato).....	British Guiana, Grenada, Hawaii, Montserrat.	1	3		Calif.*, N. Y. St. Croix
<i>Euschistus comptus</i> Wlk. (Pentatomidae):					
<i>Agave</i> sp.....	Mexico.....			1	Tex.
<i>Everes comyntas</i> (Godt.) (Lycaenidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	do.....	7			Tex.
<i>Evergestis forficalis</i> (L.) (Pyraustidae):					
<i>Brassica oleracea botrytis</i> (cauliflower).....	Belgium, England.....		2		Tex., Va.
<i>Brassica oleracea capitata</i> (cabbage).....	England, Netherlands.....	1	1		Pa., Tex.
<i>Exptochiomeria confusa</i> Barber (Lygaeidae):					
<i>Cucumis melo cantalupensis</i> (cantaloupe).....	Mexico.....	2			Tex.
Leaf—unknown.....	do.....	1			Tex.
Orchid.....	do.....			6	D. C., Tex.
<i>Pelargonium</i> sp. (geranium).....	do.....			1	Tex.
<i>Exptochiomeria formosa</i> (Dist.) (Lygaeidae):					
Orchid.....	do.....			1	Tex.
<i>Exptochiomeria oblonga</i> Stal (Lygaeidae):					
<i>Ananas comosus</i> (pineapple).....	Dominican Republic.....			1	P. R.
<i>Farinococcus guatemalensis</i> Ferris (Coccidae):					
Orchid.....	Mexico.....			1	N. J.
<i>Ferrisia virgata</i> (Ckll.) (Coccidae):					
Orchid.....	do.....	1			Calif.*
<i>Frankliniella bispinosa</i> (Morg.) (Thripidae):					
<i>Dahlia</i> sp.....	Bermuda.....	1			N. Y.
<i>Gypsophila</i> sp.....	do.....	1			Mass.
<i>Lathyrus odoratus</i> (sweetpea).....	do.....	1			Mass.
<i>Lathyrus sativus</i>	do.....	1			Mass.
<i>Lathyrus</i> sp.....	do.....	1			Mass.
<i>Frankliniella cestrum</i> Mlt. (Thripidae):					
<i>Adesmia</i> sp.....	Chile.....			1	D. C.
<i>Frankliniella formosae</i> Mlt. (Thripidae):					
<i>Buddleia</i> sp.....	Japan.....	1			Hawaii.
<i>Chrysanthemum</i> sp.....	do.....	9	2		Hawaii.
<i>Dahlia</i> sp.....	do.....	1			Hawaii.
<i>Dianthus</i> sp. (carnation).....	do.....	10	3		Hawaii.
<i>Gladiolus</i> sp.....	do.....	3			Hawaii.
<i>Lilium japonicum album</i> (white Japanese lily).....	do.....	1			Hawaii.
<i>Lilium</i> sp.....	do.....	2			Hawaii.
<i>Rosa</i> sp.....	do.....	1			Hawaii.
<i>Frankliniella intonsa</i> (Tryb.) (Thripidae):					
<i>Aster</i> sp.....	Germany (?).....		1		N. Y.
<i>Calluna vulgaris</i> (heather).....	Germany, Scotland.....	1		1	Mass., N. Y.
<i>Cyclamen</i> sp.....	Italy.....		1		N. Y.
<i>Dahlia</i> sp.....	Netherlands.....	1			N. Y.
<i>Gentiana</i> sp.....	Switzerland.....	1			N. Y.
<i>Lathyrus odoratus</i> (sweetpea).....	Sweden, Yugoslavia.....	2			Ill.
<i>Potentilla</i> sp.....	Germany.....			1	N. J.
<i>Rosa</i> sp.....	do.....	1			Ill.
<i>Frankliniella occidentalis</i> (Perg.) (Thripidae):					
<i>Pelargonium</i> spp.....	Mexico.....			1	Tex.
<i>Frankliniella schultzei</i> (Tryb.) (Thripidae):					
<i>Dianthus</i> sp. (carnation).....	South America.....		1		P. R.
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	4			N. J., N. Y.
<i>Frankliniella sulphurea</i> Schmutz (Thripidae):					
<i>Mesembryanthemum roseum</i>	Hawaii.....	1			Hawaii.
<i>Philadelphus</i> sp. (mock orange).....	do.....	1			Hawaii.

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<i>Frankliniclla tenuicornis</i> (Uzel) (Thripidae):					
<i>Allium sativum</i> (garlic)-----	Italy, Spain-----	5			P. R.
<i>Brassica oleracea capitata</i> (cabbage)-----	Belgium-----		1		Pa.
Soil with garlic-----	Italy-----	1			Mass.
<i>Frankliniella tritici</i> (Fitch) (Thripidae):					
<i>Chrysanthemum</i> sp.-----	Barbados-----	1			N. Y.
<i>Frankliniella williamsi</i> Hood (Thripidae):					
<i>Zea mays</i> (corn)-----	Ecuador, Tortola-----	1	2		Pa., St. Thomas and St. John.
<i>Fundella pellucens</i> (Zell.) (Phycitidae):					
<i>Cajanus cajan</i> (pigeonpea)-----	Bahamas-----	1			Fla.*
<i>Furcaspis biformis</i> (Ckll.) (Coccidae):					
<i>Brassavola nodosa</i> (orchid)-----	Canal Zone-----			1	Fla.
<i>Brassavola</i> sp.-----	Panama-----			1	Fla.
<i>Cattleya dowiana</i> (orchid)-----	Canal Zone-----			1	Calif.*
<i>Cattleya</i> sp.-----	do-----			2	Calif.*, Fla.
<i>Epidendrum atropurpureum</i> (orchid)-----	do-----			2	Calif.*
<i>Epidendrum</i> sp.-----	Canal Zone, Panama, Puerto Rico-----			3	Fla.
<i>Oncidium</i> sp. (orchid)-----	Canal Zone, Costa Rica, Jamaica-----			3	Fla.
Orchid-----	Canal Zone, Colombia, Costa Rica, Cuba, Dominican Republic, Guatemala, Jamaica, Panama(?).-----	1		25	Calif.*, Fla.
<i>Rodriguezia secunda</i> (orchid)-----	Canal Zone-----			1	Hawaii.
<i>Furcaspis oceanica</i> Ldgr. (Coccidae):					
<i>Cocos nucifera</i> (coconut)-----	Kwajalein-----	1			Hawaii.
<i>Galerucella xanthomelaena</i> (Schrank) (Chrysomelidae):					
<i>Syringa vulgaris</i> (lilac)-----	Italy-----			1	N. J.
<i>Galgupha punctifer</i> McA. & Mall. (Pentatomidae):					
Orchid-----	Costa Rica-----			1	Fla.
<i>Galgupha quadrisignata</i> Stal (Pentatomidae):					
Orchid-----	Brazil-----			1	Tex.
<i>Galgupha texana</i> McA. & Mall. (Pentatomidae):					
Orchid-----	Mexico-----			1	Tex.
<i>Glycyphagus domesticus</i> (Deg.) (Glycyphagidae):					
<i>Citrus</i> sp.-----	Azores-----	1			Mass.
<i>Malus sylvestris</i> (apple)-----	England-----	1			Pa.
<i>Protea</i> sp.-----	Union of South Africa-----	1			N. Y.
<i>Scirpus maritimus</i> -----	Azores-----	1			Pa.
Soil with bulbs, cuttings, and plants-----	Azores, Italy, Portugal-----			3	Mass.
<i>Triticum aestivum</i> (wheat)-----	Azores, Germany-----	2			Mass.
<i>Gnaphalocrocis medinalis</i> (Guen.) (Pyraustidae):					
Airplane-----	Thailand-----		1		Hawaii.
<i>Gnorimoschema gudmannella</i> (Wlsm.) (Gelechiidae):					
<i>Capsicum frutescens</i> (pepper)-----	Mexico-----	1			Ariz.
<i>Gnorimoschema ocellatella</i> (Boyd) (Gelechiidae):					
<i>Beta vulgaris</i> (beet)-----	Egypt, France, Spain-----		3		Pa., Tex.
<i>Gortyna flavago</i> (Schiff.) (Phalaenidae):					
<i>Cynara scolymus</i> (globe artichoke)-----	Spain-----		1		Pa.
<i>Gracilaria azaleella</i> Brants (Gracilariidae):					
<i>Rhododendron</i> sp.-----	Japan-----			1	D. C.
<i>Grapholitha molesta</i> (Busck) (Olethreutidae):					
<i>Malus sylvestris</i> (apple)-----	do-----	1			Wash.
<i>Prunus domestica</i> (plum)-----	France-----		1		N. Y.
<i>Prunus persica</i> (peach)-----	Switzerland-----		1		N. Y.
<i>Pyrus communis</i> (pear)-----	Japan-----	1			Wash.
<i>Haplothrips aculeatus</i> (F.) (Phlaeothripidae):					
<i>Fatsia japonica</i> -----	do-----			1	Calif.*
<i>Rhododendron catawbiense</i> -----	Netherlands-----			1	N. J.
<i>Syringa vulgaris</i> (lilac)-----	do-----			1	N. J.
<i>Haplothrips cotei</i> (Vuillet) (Phlaeothripidae):					
<i>Dianthus</i> sp. (carnation)-----	France, Greece, Mexico, Portugal-----	4			Calif.*, Ill., Mass., N. Y.
Soil with carnation, cabbage, and lettuce plants-----	Portugal-----			1	Mass.

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<i>Haplothrips gowdeyi</i> (Frankl.) (Phlaeothripidae):					
<i>Chrysanthemum</i> sp.	Barbados	1			N Y.
<i>Cortaderia argentea</i> (pampas grass)	Bermuda	1			Mass.
<i>Dahlia</i> sp.	Dominican Republic	1			P. R.
Daisy	Japan		1		Hawaii.
<i>Dianthus</i> sp. (carnation)	Australia		2		Hawaii.
Grass and wood	Tortola	1			St. Thomas and St. John.
<i>Lathyrus sativus</i>	Bermuda	1			Mass.
<i>Mesembryanthemum roseum</i>	Hawaii	2			Hawaii.
<i>Nerium oleander</i> (oleander)	Midway	2			Hawaii.
<i>Ornithogalum</i> sp.	Union of South Africa	1			N. Y.
<i>Rosa</i> sp.	St. Kitts	1			P. R.
<i>Sesuvium portulacastrum</i>	Hawaii	1			Hawaii.
<i>Haplothrips gowdeyi</i> (Frankl.) (?) (Phlaeothripidae):					
Flowers—mixed	Bermuda	1			Mass.
<i>Sorghum vulgare</i> (sorghum)	Dominican Republic			1	D. C.
<i>Heilipus lauri</i> Boh. (Curculionidae):					
<i>Persea americana</i> (avocado)	Mexico	1			Tex.
<i>Heilipus ocellatus</i> (Oliv.) (Curculionidae):					
Packing of orchid plants	Brazil			1	Fla.
<i>Heliothis subflexa</i> (Guen.) (Phalaenidae):					
<i>Lycopersicon esculentum</i> (tomato)	Mexico	1			Tex.
<i>Physalis</i> sp. (husk tomato)	do	2			Tex.
<i>Helix aspersa</i> (Muller) (Mollusca):					
Bromeliaceae	Mexico			1	Calif.*
Orchid	do	1			Calif.*
<i>Heraeus guttatus</i> (Dallas) (Lygaeidae):					
Orchid	British Honduras			1	Tex.
<i>Heterobostrychus aequalis</i> (Waterh.) (Bostrichidae):					
<i>Ananas comosus</i> (pineapple)	Cuba	1			La.
Wood case	India	1			Va.
<i>Heterobostrychus brunneus</i> (Murray) (Bostrichidae):					
Drum—made of wood and animal skin	Union of South Africa	1			Fla.*
<i>Heterotermes aureus</i> (Snyder) (Rhinotermitidae):					
Orchid	Grand Cayman			1	Fla.
<i>Homoeosoma electellum</i> (Hlst.) (Phycitidae):					
<i>Chrysanthemum</i> sp.	Mexico	3			Tex.
<i>Zinnia</i> sp.	Bermuda	1			Mass.
<i>Hyalopeplus pellucidus</i> (Stal) (Miridae):					
Airplane	Hawaii		1		Hawaii.
<i>Anthurium</i> sp.	do	2			Hawaii.
<i>Hylurgops palliatus</i> (Gyll.) (Scolytidae):					
<i>Pinus</i> sp. (pine)	Sweden	1			Ala.
<i>Hymenia perspectalis</i> (Hbn.) (Pyraustidae):					
<i>Stenotaphrum secundatum</i> (St. Augustine grass)	Brazil			1	Fla.
<i>Hypera postica</i> (Gyll.) (Curculionidae):					
<i>Beta vulgaris</i> (beet)	France (?)		1		Pa.
<i>Hyperparachma rhodalis</i> Hamp. (Chrysaugidae):					
Orchid	Mexico			1	Tex.
<i>Hypocala deflorata</i> (F.) (Phalaenidae):					
Airplane	Japan		1		Hawaii.
<i>Hypsopygia costalis</i> (F.) (Pyralidae):					
Leaf	do	1			Wash.
<i>Iridomyrmex humilis</i> Mayr (Formicidae):					
<i>Anthurium</i> sp.	Hawaii	1			Hawaii.
Flowers—assorted	Bermuda	1			Mass.
<i>Gardenia augusta</i> (gardenia)	Hawaii	1			Hawaii.
<i>Pelargonium</i> sp. (geranium)	Bermuda			1	N. Y.
<i>Iridomyrmex iniquus</i> Mayr (Formicidae):					
Orchid	Guatemala, Jamaica			2	Hawaii, Tex.
Packing	Guatemala			1	Hawaii.
<i>Ischnodemus diplopterus</i> (Dist.) (Lygaeidae):					
<i>Prunus armeniaca</i> (apricot)	Union of South Africa	1			N. Y.
<i>Kaloterms immigrans</i> Snyder (Kalotermitidae):					
<i>Cocos nucifera</i> (coconut)	Hawaii	1			Hawaii.
<i>Kaloterms jouteli</i> Banks (Kalotermitidae):					
Airplane	Cuba		1		Fla.*
<i>Lamellaxis gracilis</i> (Hutton) (Mollusca):					
<i>Philodendron</i> sp.	Hawaii			1	Hawaii.

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<i>Lampides boeticus</i> (L.) (Lycaenidae):					
<i>Canavalia microcarpa</i>	do.....	1			Hawaii.
<i>Canavalia</i> sp.....	do.....	12			Calif.*, Ha-
<i>Phaseolus vulgaris</i> var. (string bean).....	Japan.....		1		wai.
<i>Pisum sativum</i> (pea).....	do.....	1			Wash.
<i>Laspeyresia leguminis</i> Hein. (Olethreutidae):					
<i>Phaseolus vulgaris</i> var. (string bean).....	Ecuador.....		1		Ala.
<i>Laspeyresia nigricana</i> (Stph.) (Olethreutidae):					
<i>Pisum sativum</i> (pea).....	England.....	1	1		Mass, Tex.
<i>Laspeyresia splendana</i> (Hbn.) (Olethreutidae):					
<i>Castanea</i> sp. (chestnut).....	England, France, Italy, Por- tugal, Spain, Switzerland.	24	1	1	Ill., La., Mass., N.Y., Wash.
<i>Leperisinus frazini</i> (Panz.) (Scolytidae):					
Bark.....	Belgium.....	1			S. C.
<i>Lepidosaphes conchiformis</i> (Gmel.) (Coccidae):					
<i>Malus sylvestris</i> (apple).....	Japan.....		1		Calif.*
<i>Lepidosaphes tokionis</i> (Kuw.) (Coccidae):					
<i>Codiaeum</i> sp. (croton).....	Canal Zone, Hawaii.....	10		10	Calif.*, Hawaii.
<i>Lepidosaphes tuberculata</i> Mal. (Coccidae):					
<i>Cymbidium</i> sp. (orchid).....	Australia, Japan.....	1		9	Calif.*, Fla.
<i>Leptidiella brevipennis</i> Muls. (Cerambycidae):					
<i>Ornithogalum thyrsoides</i> (chinkerichee).....	Union of South Africa.....	1			N. J.
<i>Leucaspis cockerelli</i> (de Charm.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	Panama.....		1		Calif.*
<i>Citrus limon</i> (lemon).....	Fiji Islands, Panama.....		2		Calif.*
<i>Citrus paradisi</i> (grapefruit).....	Canal Zone, Panama.....		2		Calif.*
<i>Citrus sinensis</i> (orange).....	Panama.....		3		Calif.*
<i>Leucaspis pusilla</i> Loew (Coccidae):					
<i>Pinus</i> sp. (2-leaved pine).....	Yugoslavia.....	1			Mass.
<i>Leucinodes orbonalis</i> Guen. (Pyraustidae):					
<i>Solanum melongena</i> (eggplant).....	Nigeria.....		1		Ala.
<i>Ligyrocoris nitidicollis</i> (Stal) (Lygaeidae):					
<i>Solanum tuberosum</i> (potato).....	Mexico.....	1			Tex.
<i>Lilioceris lili</i> (Scop.) (Chrysomelidae):					
<i>Lilium</i> sp. (lily).....	Italy.....			1	N. Y.
<i>Limax flavus</i> L. (Mollusca):					
<i>Apium graveolens</i> (celery).....	do.....		1		Pa.
<i>Limax marginatus</i> Muller (Mollusca):					
<i>Brassica oleracea capitata</i> (cabbage).....	Azores.....		1		Ga.
Bromeliaceae.....	Mexico.....			1	Calif.*
Orchid.....	Costa Rica, Mexico.....			3	Fla.
Plants and bulbs—assorted.....	Portugal.....			1	Mass.
Soil.....	Germany.....	1			N. Y.
<i>Limothrips cerealium</i> Hal. (Thripidae):					
Bromeliad.....	Portugal.....			1	Mass.
<i>Calluna vulgaris</i> (heather).....	Scotland, Switzerland.....	2			Mass., N. Y.
<i>Chrysanthemum</i> sp.....	France.....	1			Ill.
<i>Gladiolus nanus</i>	Netherlands.....			1	N. J.
<i>Narcissus</i> sp.....	Ireland.....			1	N. J.
<i>Potentilla</i> sp.....	Germany.....			1	N. J.
<i>Rhododendron</i> sp.....	Belgium.....			1	N. J.
Soil from automobile.....	England.....	1			Pa.
<i>Syringa</i> sp.....	Netherlands.....	1			N. Y.
<i>Limothrips denticornis</i> Hal. (Thripidae):					
<i>Potentilla</i> sp.....	Germany.....			1	N. J.
Soil with horseradish.....	England.....	1			Mass.
<i>Triticum aestivum</i> (wheat).....	Italy, Sweden.....	1		1	N. Y.
<i>Liothrips vaneeckei</i> Pr. (Phlaeothripidae):					
<i>Lilium auratum</i> (goldband lily).....	Japan.....			1	Oreg.
<i>Lilium speciosum</i> (speciosum lily).....	do.....			1	Oreg.
<i>Lilium</i> sp.....	England.....			1	N. J.
<i>Liothrips vaneeckei</i> Pr. (?) (Phlaeothripidae):					
<i>Lilium</i> sp.....	Japan.....	1		1	Va., Wash.
<i>Listroderes costirostris obliquus</i> (Klug) (Curculionidae):					
<i>Brassica chinensis</i>	do.....		1		S. C.
Orchid.....	Canal Zone.....			1	Calif.*
Soil packing.....	Japan.....			1	Calif.*
Wrapping.....	Hawaii.....	1			Hawaii.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Livia juncorum</i> Latr. (Psyllidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	1			Mass.
<i>Loxostege similalis</i> (Guen.) (Pyraustidae):					
<i>Cucumis melo cantalupensis</i> (cantaloupe)	Mexico	1			Tex.
<i>Lyctus africanus</i> Lesne (Lyctidae):					
Wood	India, Liberia, Union of South Africa.	7			Fla.*, Ill., Mass., N.Y., Pa.
<i>Lygaeus guatemalanus</i> Dist. (Lygaeidae):					
<i>Cattleya</i> sp. (orchid)	Venezuela			1	N. J.
<i>Lygaeus pusio</i> Stal (Lygaeidae):					
Cactus	Mexico			1	Ariz.
<i>Macroplox fasciata</i> (Hsiao & Sailer) (Lygaeidae):					
<i>Alopecurus</i> sp.	Iran			1	D. C.
<i>Macropygium reticulare</i> (F.) (Pentatomidae):					
Orchid	Canal Zone			1	Fla.
<i>Mamestra brassicae</i> (L.) (Phalaenidae):					
<i>Brassica oleracea capitata</i> (cabbage)	Netherlands		1		Ala.
<i>Maruca testulalis</i> (Geyer) (Pyraustidae):					
<i>Canavalia</i> sp.	Hawaii	10			Calif.*, Hawaii.
<i>Phaseolus vulgaris</i> var. (string bean)	Japan, Puerto Rico	1	1		P. R., Wash.
<i>Phaseolus</i> sp.	Japan		1		Calif.*
<i>Pisum sativum</i> (pea)	Puerto Rico	1			P. R.
<i>Mecolaemus carvalhoi</i> (Costa Lima) (?) (Miridae):					
Orchid	Panama			1	Fla.
<i>Megacerus alternatus</i> Bridw. (Bruchidae):					
<i>Operculina tuberosa</i> (wood-rose)	Hawaii			1	Hawaii.
<i>Megastigmus pinuspinus</i> Parf. (Torymidae):					
<i>Abies procera</i>	Scotland			1	N. J.
<i>Megastigmus rafni</i> Hoffmeyer (Torymidae):					
<i>Abies concolor</i> (white fir)	Belgium			1	N. J.
<i>Metamasius sericeus</i> (Oliv.) (Curculionidae):					
<i>Anthurium</i> sp.	Costa Rica			1	Fla.
<i>Brassica rapa</i> (turnip)	Ecuador		1		Tex.
<i>Musa paradisiaca sapientum</i> (banana)	Costa Rica, Ecuador, Guatemala, Honduras, Mexico, Panama.	59			Calif.*, La., N. Y., Pa., S. C., Tex.
<i>Metopoplax ditomoides</i> (Costa) (Lygaeidae):					
Excelsior packing	Spain	1			Mass.
<i>Metriona crucipennis</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea pumila</i> (palm)	Mexico	1			N. Y.
Palm	do	1			Tex.
<i>Micrapate mexicana</i> Fisher (Bostrichidae):					
<i>Calamus</i> (?) sp.	Mexico	1			Fla.
<i>Micrlus ericae</i> Gyll. (Curculionidae):					
<i>Calluna vulgaris</i> (heather)	Scotland	4			Ill., Mass.
<i>Microcephalothrips abdominalis</i> (Crawf.) (Thripidae):					
<i>Arctotis stoechadifolia</i> (African daisy)	Australia, Japan	2			Hawaii.
<i>Chrysanthemum</i> sp.	Barbados, Japan	7	1		Hawaii, N. Y.
<i>Dahlia</i> sp.	Australia, Japan	3	1		Hawaii.
Daisy	Japan, Trinidad		2		Hawaii, P. R.
<i>Dianthus</i> sp. (carnation)	Australia	2			Hawaii.
<i>Helichrysum grandiflorum</i>	Japan	1			Hawaii.
<i>Rosa</i> sp.	St. Kitts	1			P. R.
<i>Tagetes florida</i> (marigold)	Australia		1		Hawaii.
<i>Zinnia</i> sp.	Japan	1			Hawaii.
<i>Milax gagates</i> (Drap.) (Mollusca):					
<i>Solanum melongena</i> (eggplant)	Italy		1		Pa.
<i>Mimosestes sallaei</i> (Sharp) (Bruchidae):					
<i>Acacia tortuosa</i>	do			1	N. Y.
<i>Acacia</i> sp.	Hawaii			1	Hawaii.
Legume seed	Jamaica	1			Fla.
<i>Molorchus minor</i> (L.) (Cerambycidae):					
Wood-coniferous	Switzerland	1			Pa.
<i>Monalocorisca granulata</i> Dist. (Miridae):					
Airplane	Mexico		1		Tex.
<i>Monanthia monotropidia</i> Stal (Tingidae):					
Orchid	do			2	Tex.
<i>Tillandsia</i> sp.	do			2	Tex.

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		Consumption	Non-entry	Propagation	
<i>Monomorium destructor</i> (Jerd.) (Formicidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Antigua.....	1			St. Croix.
<i>Gardenia</i> sp.....	Hawaii.....	1			Hawaii.
<i>Lonicera</i> sp.....	Trinidad.....		1		Ga.
<i>Oryza sativa</i> (rice).....	Philippines.....	1			Hawaii.
<i>Moodna bisinuella</i> Hamp. (Phycitidae):					
<i>Zea mays</i> (corn).....	Mexico.....	1			Tex.
<i>Mormidea pictiventris</i> Stal (Pentatomidae):					
Airplane.....	Venezuela.....		1		Fla.
Orchid.....	Cuba, Mexico.....			6	Fla., Tex.
<i>Myelois ceratoniae</i> (Zell.) (Phycitidae):					
<i>Citrus sinensis</i> (orange).....	Morocco.....	1			Pa.
<i>Punica granatum</i> (pomegranate).....	Greece, Italy.....	5			N. Y.
<i>Tamarindus indica</i> (tamarind).....	British West Indies.....	1			P. R.
<i>Nasutitermes nigriceps</i> (Hald.) (Termitidae):					
Wooden packing case.....	Nicaragua.....	5			La.
<i>Naupactus xanthographus</i> (Germ.) (Curculionidae):					
<i>Vitis</i> sp. (grape).....	Chile.....	1			N. Y.
<i>Nemapogon granella</i> (L.) (Tineidae):					
<i>Agaricus campestris</i> (mushroom).....	Italy.....	1			N. Y.
<i>Neoleucon rubrotylus</i> Carvalho (Miridae):					
<i>Philodendron</i> sp.....	Mexico.....			1	Tex.
<i>Nephotettix apicalis</i> (Motsch.) (Cicadellidae):					
Airplane.....	Philippines, West Pacific.....		4		Hawaii.
<i>Neuroctenus litigiosus</i> Stal (Aradidae):					
Orchid.....	Mexico.....			1	Tex.
<i>Neuroterus numismalis</i> (Fourc.) (Cynipidae):					
<i>Quercus</i> sp. (oak).....	England.....	1			Mich.
<i>Neuroterus quercus-baccarum</i> (L.) (Cynipidae):					
<i>Quercus</i> sp. (oak).....	Wales.....	1			Pa.
<i>Nezara viridula</i> (L.) (Pentatomidae):					
Airplane.....	Argentina.....		1		Fla.
<i>Cajanus cajan</i> (pigeonpea).....	Tortola.....	3			St. Thomas and St. John.
Succulent plant.....	Mexico.....			1	Ariz.
<i>Vitis</i> sp. (grape).....	Union of South Africa.....	1			Md.
<i>Nomophila noctuella</i> (D. & S.) (Pyraustidae):					
Airplane.....	Japan.....		3		Hawaii.
<i>Nysius californicus</i> Stal (Lygaeidae):					
Airplane.....	Mexico.....		1		Tex.
<i>Lactuca sativa</i> (lettuce).....	do.....	1			Tex.
<i>Lilium longiflorum</i> (Easter lily).....	do.....	1			Tex.
<i>Nysius coenosulus</i> Stal (Lygaeidae):					
Airplane.....	Hawaii.....		1		Hawaii.
<i>Vanda</i> sp. (orchid).....	do.....	8			Hawaii.
<i>Nysius raphanus</i> Howard (Lygaeidae):					
Baggage.....	Mexico.....	1			Tex.
Cactus.....	do.....			1	Tex.
<i>Capsicum frutescens grossum</i> (bell pepper).....	do.....	1			Ariz.
Flowers.....	do.....	1			Ariz.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1			Tex.
Orchid.....	do.....			2	Tex.
<i>Nysius terrestris</i> Usinger (Lygaeidae):					
Airplane.....	Hawaii.....		2		Hawaii.
<i>Odontotermes wallonensis</i> (Wasm.) (Termitidae):					
<i>Dahlia</i> sp.....	India.....			1	N. J.
<i>Oedionychis atroguttata</i> Jac. (Chrysomelidae):					
Orchid.....	Mexico.....			1	Ariz.
<i>Oedionychis pavonina</i> Jac. (Chrysomelidae):					
Orchid.....	do.....			1	Tex.
<i>Ogdoecosta biannularis</i> (Boh.) (Chrysomelidae):					
Orchid.....	do.....			1	Tex.
<i>Olethreutes leucotreta</i> (Meyr.) (Olethreutidae):					
<i>Citrus paradisi</i> (grapefruit).....	Union of South Africa.....		1		Tex.
<i>Citrus sinensis</i> (orange).....	Mozambique, Union of South Africa.....		4		Md., Mass., Pa.
<i>Olethreutes leucotreta</i> (Meyr.) (?) (Olethreutidae):					
<i>Citrus sinensis</i> (orange).....	Northern Africa (?), Union of South Africa.....		2		Pa.
<i>Oligonychus perditus</i> P. & B. (Tetranychidae):					
<i>Juniperus</i> sp. (juniper).....	Formosa.....			1	Wash.

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<i>Opogona purpuricollis</i> Sw. (Lyoniidae):					
Flowers	Hawaii	1			Hawaii.
<i>Orchidophilus peregrinator</i> Buch. (Curculionidae):					
<i>Plumeria</i> sp.	Hawaii	1			Hawaii.
<i>Orsillus depressus</i> (Muls. & Rey) (Lygaeidae):					
<i>Cupressus</i> sp. (cypress)	Iran			1	D. C.
<i>Oxyarenus bicolor</i> Fieber (Lygaeidae):					
<i>Cymbidium</i> sp. (orchid)	Australia	1			Hawaii.
<i>Gossypium</i> sp. (cottonseed)	Guam			1	D. C.
<i>Orychilus allarius</i> (Muller) (Mollusca):					
<i>Erica</i> sp.	Scotland	1			Mass.
Soil with ivy and <i>Tradescantia</i> sp.	Iceland			1	Mass.
<i>Oxydema fusiforme</i> Woll. (Curculionidae):					
Clothing	Hawaii	1			Hawaii.
Flowers	do	2			Hawaii.
<i>Sterculia urens</i>	do	1			Hawaii.
Wrapping paper	do	1			Hawaii.
<i>Oxygryllus ruginatus</i> (Lec.) (Scarabaeidae):					
Cactus	Mexico			1	Ariz.
Clothing	do	1			Calif.
Railway car	do		1		Tex.
<i>Pachybrachius neitneri</i> (Dohrn) (Lygaeidae):					
<i>Lansium domestica</i>	Philippines	1			Hawaii.
<i>Pachyzancla perisalis</i> (Wlk.) (Pyraustidae):					
<i>Solanum melongena</i> (eggplant)	Cuba	1			N. Y.
<i>Pantomorus godmani</i> (Crotch) (Curculionidae):					
Baggage	Hawaii	1			Hawaii.
Flowers	do	1			Hawaii.
<i>Operculina tuberosa</i> (wood-rose)	do	1			Hawaii.
Paper wrapping for straw flowers	Peru	1			Fla.
<i>Plumeria</i> sp.	Hawaii	1			Hawaii.
<i>Strelitzia reginae</i>	do	1			Hawaii.
<i>Vitis</i> sp. (grape)	Chile	1			N. Y.
<i>Paragonatus divergens</i> (Dist.) (Lygaeidae):					
Airplane	Mexico		1		Tex.
<i>Capsicum frutescens longum</i> (chili pepper)	do	1			Tex.
<i>Parlatoria camelliae</i> Comst. (Coccidae):					
<i>Camellia reticulata</i> (netvein camellia)	Portugal			1	D. C.
<i>Camellia</i> sp.	do			1	Calif.*
<i>Parlatoria cinerea</i> Hadden (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Mexico		1		Calif.*
<i>Citrus limon</i> (lemon)	Brazil		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	do		1		Calif.*
<i>Citrus sinensis</i> (orange)	do		5		Calif.*, Fla., St. Thomas and St. John.
<i>Parlatoria crotonis</i> Dougl. (Coccidae):					
<i>Cocos nucifera</i> (coconut)	Mexico		1		Calif.*
<i>Codiaeum</i> sp. (croton)	Hawaii	4	1		Hawaii.
<i>Parlatoria pseudaspidotus</i> Ldgr. (Coccidae):					
<i>Vanda</i> sp. (orchid)	do			1	Hawaii.
<i>Parlatoria zizyphus</i> (Lucas) (Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Indo-China, Thailand	1	1		Calif.*, Hawaii.
<i>Citrus depressa</i>	Okinawa			1	D. C.
<i>Citrus limon</i> (lemon)	France, Italy, Morocco	1	3		Calif.*, Pa., P. R.
<i>Citrus reticulata</i> (Mandarin orange)	Indo-China, Italy, Japan, Thailand.	2	2		Calif.*, Ha- waii, Pa.
<i>Citrus sinensis</i> (orange)	Formosa, Indo-China, Israel, Morocco, Philippines, Spain, unknown.	2	7		Calif.*, Fla., Hawaii, Mass., St. Thomas and St. John.
<i>Citrus</i> sp.	Japan		1		Hawaii.
<i>Poncirus trifoliata</i> (?) (trifoliolate-orange)	Spain	1			N. J.
<i>Paromius longulus</i> (Dall.) (Lygaeidae):					
Cactus	Mexico			1	Ariz.
Orchid	Cuba, Guatemala, Mexico			4	Ariz., Fla., Tex.
<i>Parthenothrips dracaenae</i> (Heeger) (Thripidae)					
<i>Cordyline</i> sp.	Hawaii			1	Hawaii.]

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<i>Pealius hibisci</i> (Kot.) (Aleyrodidae):					
<i>Gardenia augusta</i> (gardenia)-----	Hawaii-----	1			Hawaii.
<i>Pectinophora gossypiella</i> Saund. (Gelechiidae):					
<i>Gossypium</i> sp. (cottonseed)-----	Anglo-Egyptian Sudan, Hawaii, Mexico, St. Croix.	2	1	1	Calif.*, D. C., P. R., Tex.
<i>Gossypium</i> sp. (seed cotton)-----	Italy, Mexico-----	155	1		Calif., Mass., Tex.
<i>Gossypium</i> sp. (cotton; boll)-----	Hawaii-----	1			Hawaii.
<i>Hibiscus esculentus</i> (okra)-----	Brazil, Dominican Republic		2		N. Y., S. C.
<i>Hibiscus</i> sp-----	Hawaii-----	1			Hawaii.
<i>Pectinophora scutigera</i> (Holdaway) (Gelechiidae):					
<i>Gossypium</i> sp. (cotton; boll)-----	do-----	1			Hawaii.
<i>Pentalonia nigronervosa</i> Coq. (Aphidae):					
<i>Alpinia purpurata</i> -----	do-----	4			Hawaii.
<i>Hedychium</i> sp. (torch ginger)-----	do-----	1			D. C.
<i>Peregrinus maidis</i> (Ashm.) (Delphacidae):					
<i>Zea mays</i> (corn)-----	Tortola-----	1			St. Thomas and St. John.
<i>Peridroma margaritosa</i> (Haw.) (Phalaenidae):					
Airplane-----	Unknown-----		1		Hawaii.
<i>Periphyllus californiensis</i> (Shinji) (Aphidae):					
<i>Acer</i> sp. (maple)-----	Belgium-----			1	N. J.
<i>Perkinsiella saccharicida</i> Kirk. (Delphacidae):					
Airplane-----	Hawaii, Midway Islands (?)		2		Hawaii.
<i>Perkinsiella vitiensis</i> Kirk. (Delphacidae):					
Airplane-----	Fiji-----		1		Hawaii.
<i>Petrochroa dimorpha</i> Busck (Cosmopterygidae):					
Airplane-----	Unknown-----		1		Hawaii.
<i>Pheidole megacephala</i> (F.) (Formicidae):					
<i>Annona muricata</i> (soursop)-----	Cuba-----	1			N. Y.
<i>Anthurium</i> sp-----	Hawaii-----			1	Hawaii.
<i>Caladium</i> sp-----	Haiti-----	1			N. Y.
<i>Cordyline terminalis</i> (ti)-----	Hawaii-----			1	Hawaii.
<i>Dioscorea</i> sp. (yam)-----	Anguilla-----	1			St. Thomas and St. John.
<i>Hibiscus</i> sp-----	Bermuda-----	2			Mass.
Orchid-----	Belgian Congo-----			1	N. J.
Soil around iris plant-----	China-----	1			Hawaii.
Wood around orchid plant-----	New Guinea-----			1	Hawaii.
<i>Zinnia</i> sp-----	Bermuda-----	1			N. Y.
<i>Phelypera distigma</i> Boh. (Curculionidae):					
Bromeliad and orchid plants-----	Mexico-----			1	Ariz.
Orchid-----	Canal Zone-----			1	Fla.
<i>Phenacaspis sandwicensis</i> Fullaway (Coccidae):					
<i>Alyxia olivaeformis</i> (maile)-----	Hawaii-----	1			Hawaii.
<i>Cordyline terminalis</i> (ti)-----	do-----	1			Hawaii.
<i>Mangifera indica</i> (mango)-----	do-----			1	Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower)-----	do-----	1			Hawaii.
<i>Strelitzia</i> sp-----	do-----			1	Calif.*
<i>Philaspis bivulnerata</i> (Boh.) (Chrysomelidae):					
<i>Selaginella</i> sp-----	Mexico-----			1	Tex.
<i>Phlegyas annulicrus</i> Stal (Lygaeidae):					
Flowers-----	do-----	1			Ariz.
<i>Phlyctinus callosus</i> Boh. (Curculionidae):					
<i>Vitis</i> sp. (grape)-----	Union of South Africa-----	2			N. Y.
<i>Physonota attenuata</i> Boh. (Chrysomelidae):					
Airplane-----	Mexico-----		1		Tex.
<i>Physonota citrinella</i> Boh. (Chrysomelidae):					
Orchid-----	do-----			1	Tex.
<i>Physonota picticollis</i> Boh. (Chrysomelidae):					
Orchid-----	do-----			1	Ariz.
<i>Phytomyza atricornis</i> Mg. (Agromyzidae):					
<i>Chrysanthemum</i> sp-----	England-----			1	N. J.
<i>Primula</i> sp-----	do-----		1		N. Y.
<i>Phytomyza rufipes</i> Mg. (Agromyzidae):					
<i>Brassica oleracea botrytis</i> (cauliflower)-----	Denmark, England, Germany, Netherlands, Norway.		19		Ala., Mass., Pa., Tex.

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
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<i>Phytomyza rufipes</i> —Continued					
<i>Brassica oleracea capitata</i> (cabbage).....	Belgium, England, Germany, Ireland, Italy, Norway.	---	10	---	Pa., S. C., Tex.
<i>Brassica rapa</i> (turnip).....	Germany.....	---	1	---	Tex.
<i>Cichorium endivia</i> (endive).....	Belgium.....	4	---	---	La., N. Y., Pa.
<i>Pieris brassicae</i> (L.) (Pieridae):					
Baggage.....	Germany.....	1	---	---	Pa.
<i>Pinnaspis buxi</i> (Bouche) (Coccidae):					
<i>Cordylone terminalis</i> (ti).....	Hawaii.....	2	---	---	Hawaii.
<i>Cyrtostachys</i> sp.....	Panama.....	---	---	1	Fla.
<i>Monstera</i> sp.....	Canal Zone.....	---	---	1	Calif.*
<i>Strelitzia reginae</i> (bird-of-paradise-flower).....	Hawaii.....	1	---	---	Hawaii.
<i>Pinnaspis uniloba</i> (Kuw.) (Coccidae):					
<i>Camellia</i> sp.....	Japan.....	---	1	---	Calif.*
<i>Plagioderma congesta</i> Stal (Chrysomelidae):					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Plagioderma semivittata</i> Stal (Chrysomelidae):					
Orchid.....	do.....	---	---	3	Tex.
<i>Plagioderma thymaloides</i> Stal (Chrysomelidae):					
Bromeliad.....	do.....	---	---	1	Tex.
Orchid.....	do.....	---	---	1	Tex.
<i>Plagiometrona diversicollis</i> (Schaefer.) (Chrysomelidae):					
<i>Lycopersicon esculentum</i> (tomato).....	do.....	1	---	---	Tex.
<i>Platynota nigrocervina</i> (Wlsm.) (Tortricidae):					
Weed.....	do.....	1	---	---	Tex.
<i>Platynota rostrana</i> (Wlk.) (Tortricidae):					
<i>Cajanus cajan</i> (pigeonpea).....	Puerto Rico.....	1	---	---	Pa.
<i>Capsicum frutescens grossum</i> (bell pepper).....	Mexico.....	2	---	---	Tex.
<i>Lycopersicon esculentum</i> (tomato).....	do.....	7	---	---	Tex.
<i>Platypus rugulosus</i> Chap. (Platypodidae):					
<i>Copaifera hemitomophylla</i>	Colombia.....	1	---	---	Ga.
<i>Platythrips tunicatus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Scotland.....	1	---	---	Ill.
<i>Plautia fimbriata</i> (F.) (Pentatomidae):					
<i>Chrysanthemum</i> sp.....	Australia.....	1	---	---	Hawaii.
<i>Plusia chalcites</i> (Esp.) (?) (Phalaenidae):					
<i>Cordylone terminalis</i> (ti).....	Hawaii.....	1	---	---	Hawaii.
<i>Vanda</i> sp. (orchid).....	do.....	4	---	---	Hawaii.
<i>Polychrosis botrana</i> (Schiff.) (?) (Olethreutidae):					
<i>Vitis</i> sp. (grape).....	France.....	1	---	---	Pa.
<i>Polytus mellerborgii</i> (Boh.) (Curculionidae):					
<i>Musa paradisiaca sapientum</i> (banana).....	Honduras.....	---	---	1	N. J.
<i>Porthetria dispar</i> (L.) (Lymantriidae):					
<i>Quercus</i> sp. (oak).....	Italy.....	3	---	---	Va.
<i>Praeblissus albofasciatus</i> Barber (Lygaeidae):					
Orchid.....	Mexico.....	---	---	1	Tex.
<i>Prodenia eridania</i> (Cram.) (Phalaenidae):					
<i>Allium cepa</i> (onion).....	Bermuda.....	1	---	---	N. Y.
<i>Lycopersicon esculentum</i> (tomato).....	Mexico.....	1	---	---	Tex.
<i>Prodenia ornithogalli</i> Guen. (Phalaenidae):					
Cactus.....	do.....	---	---	1	Ariz.
<i>Protopulvinaria pyriiformis</i> (Ckll.) (Coccidae):					
<i>Bauhinia</i> sp.....	Bahamas.....	2	---	---	Fla.*
Flowers—unidentified.....	do.....	1	---	---	Fla.*
<i>Gardenia augusta</i> (gardenia).....	Colombia, Cuba.....	2	---	---	Fla.
<i>Ixora</i> sp.....	Trinidad.....	---	---	2	Fla.
<i>Pseudaonidia trilobitiformis</i> (Green) (Coccidae):					
<i>Rosa</i> sp. (rose).....	St. Martin.....	---	---	1	St. Thomas and St. John.
<i>Saraca</i> sp.....	Trinidad.....	---	---	1	Fla.
<i>Theobroma cacao</i> (cacao).....	Netherlands Guiana.....	---	---	1	N. J.
<i>Pseudischnaspis alienus</i> (Newst.) (Coccidae):					
<i>Cattleya</i> sp. (orchid).....	British Honduras, Costa Rica.	---	---	2	Hawaii, Tex.
<i>Laelia</i> sp. (orchid).....	Mexico.....	---	---	1	Tex.
<i>Pseudischnaspis longissima</i> (Ckll.) (Coccidae):					
<i>Citrus aurantifolia</i> (sour lime).....	do.....	---	1	---	Calif.*
<i>Pseudococcus boninsis</i> (Kuw.) (Coccidae):					
<i>Cortaderia</i> sp. (pampas grass).....	Bermuda.....	1	---	---	Mass.
<i>Pseudococcus comstocki</i> (Kuw.) (Coccidae):					
<i>Prunus persica</i> (peach).....	Japan.....	---	1	---	Hawaii.

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<i>Pseudococcus gahani</i> Green (Coccidae):					
<i>Citrus limon</i> (lemon).....	Chile.....	1			N. Y.
<i>Prunus domestica</i> (plum).....	do.....	1			N. Y.
<i>Pseudococcus halli</i> (Ezzai & McConnell) (Coccidae) (tentative):					
<i>Lansium domesticum</i> (lansone).....	Philippines.....	1			Wash.
<i>Pseudococcus matsumotoi</i> Shiraiwa (Coccidae):					
<i>Prunus</i> sp.....	Japan.....			1	N. J.
<i>Pseudococcus palmarum</i> (Ehrh.) (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Hawaii.....	1			Calif.*
<i>Pseudococcus saipanensis</i> Shiraiwa (Coccidae):					
<i>Cocos nucifera</i> (coconut).....	Philippines.....		1		Pa.
<i>Pseudodiaspis yuccae</i> (Ckll.) (Coccidae):					
<i>Pachycereus marginatus</i> (organpipe cactus).....	Mexico.....			1	Ariz.
<i>Psylla rhododendri</i> Puton (Psyllidae):					
Flowers—unidentified.....	Switzerland.....			1	Mass.
<i>Rhododendron ferrugineum</i>	do.....	1		1	Oreg.
<i>Psylliodes chrysocephala</i> L. (Chrysomelidae):					
<i>Brassica rapa</i> (turnip).....	Italy.....		1		Pa.
<i>Pulvinaria aurantii</i> Ckll. (Coccidae):					
<i>Citrus</i> sp.....	Japan.....			1	D. C.
<i>Pulvinaria psidii</i> Mask. (Coccidae):					
<i>Alpinia</i> sp.....	Hawaii.....	1			Hawaii.
<i>Gardenia augusta</i> (gardenia).....	do.....	2			Hawaii.
<i>Izora</i> sp.....	Bahamas.....	1			Fla.*
<i>Puto ulter</i> Ferris (Coccidae):					
<i>Laelia superbiens</i> (orchid).....	Guatemala.....			1	Tex.
Orchid.....	do.....			1	Tex.
<i>Pyrausta nubilalis</i> (Hbn.) (Pyraustidae):					
<i>Capsicum frutescens</i> (pepper).....	France.....		1		Md.
<i>Chrysanthemum</i> sp.....	Japan.....		1		Hawaii.
<i>Sorghum vulgare technicum</i> (broomcorn).....	Italy.....		5		La., Tex.
<i>Pyroderces stigmatophora</i> (Wlshm.) (Cosmopterygidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Rejectaria pharusalis</i> (Wlk.) (Phalaenidae):					
Orchid.....	do.....			1	Tex.
<i>Reticulitermes virginicus</i> (Banks) (Rhinotermitidae):					
Clothing.....	Cuba.....	1			Fla.*
<i>Rhagoletis cerasi</i> (L.) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Azores, France, Israel, Italy, Portugal, Switzerland, unknown.	6	30		Mass., Mich., N. Y., Pa.
<i>Rhagoletis cerasi</i> (L.) (?) (Tephritidae):					
<i>Prunus</i> sp. (cherry).....	Germany.....	1			Pa.
<i>Rhagoletis completa</i> Cress. (Tephritidae):					
<i>Juglans nigra</i> (black walnut).....	Mexico.....	1			Tex.
<i>Rhagoletis pomonella</i> (Walsh) (Tephritidae):					
<i>Malus sylvestris</i> (apple).....	do.....	5			Tex.
<i>Ribua innoxia</i> Hein. (Phycitidae):					
<i>Ananas comosus</i> (pineapple).....	Cuba.....	8	2		La., N. Y., Tex.
<i>Schoenobius incertulas</i> (Wlk.) (Schoenobiidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Scotinophara lurida</i> (Burm.) (Pentatomidae):					
Orchid.....	Formosa.....			1	Wash.
<i>Scyphophorus acupunctatus</i> Gyll. (Curculionidae):					
<i>Agave americana</i> (maguey).....	Mexico.....	1			Tex.
<i>Selenothrips rubrocinctus</i> (Giard) (Thripidae):					
<i>Rosa</i> sp.....	St. Kitts, Venezuela.....	2			P. R.
<i>Sesamia cretica</i> Led. (Phalaenidae):					
<i>Sorghum vulgare technicum</i> (broomcorn).....	Italy.....		6		La., Tex.
<i>Sidemias depavata</i> (Btlr.) (?) (Phalaenidae):					
Airplane.....	Japan.....		1		Hawaii.
<i>Sinoxylon conigrum</i> Gerst. (Bostrichidae):					
Wooden chair.....	Dominican Republic.....	1			P. R.
<i>Sinoxylon sexdentatum</i> (Oliv.) (Bostrichidae):					
<i>Quercus</i> sp. (oak).....	Italy.....	1			Va.
<i>Sitona lineata</i> L. (Curculionidae):					
<i>Brassica oleracea capitata</i> (cabbage).....	England.....		1		Tex.
<i>Dahlia</i> sp.....	Netherlands.....	1			N. Y.
Flower seeds.....	Germany.....	1			N. Y.

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<i>Sitona lineata</i> —Continued					
Paper wrapping around <i>Cynerium</i> spp.	Spain	1			N. Y.
<i>Syringa</i> sp. (lilac)	Netherlands	1			N. Y.
<i>Sparteus villosus</i> (F.) (Bruchidae):					
<i>Laburnum anagyroides</i>	Italy			1	N. J.
<i>Spartium junceum</i>	do			1	Calif.*
<i>Spermophagus cardui</i> (Boh.) (Bruchidae):					
<i>Convolvulus sericeus</i>	Egypt			1	D. C.
<i>Spodoptera mauritia</i> (Bdv.) (Phalaenidae):					
Airplane	Hawaii		1		Hawaii.
<i>Stator limbatus</i> (Horn) (Bruchidae):					
<i>Samanea saman</i>	do	1			Hawaii.
<i>Stator pruininus</i> (Horn) (Bruchidae):					
<i>Leucaena glauca</i>	do	1			Hawaii.
<i>Stenoma catenifer</i> Wlsm. (Stenomidae):					
<i>Persea americana</i> (avocado)	Colombia, Ecuador, Guatemala, Mexico, Panama, Salvador, Venezuela.	35	4	1	Ala., Calif.*, D. C., La., Md., N. Y., P. R., Tex.
<i>Steneotarsonemus laticeps</i> (Halbert) (Tarsonemidae):					
<i>Narcissus</i> sp.	Belgium, Northern Ireland			2	N. J.
<i>Stephanoderes hampei</i> Ferr. (Scolytidae):					
<i>Coffea</i> sp. (coffee)	Brazil, Ceylon	1		2	Calif.*, La., D. C.
<i>Sternochetus mangiferae</i> (F.) (Curculionidae):					
<i>Mangifera indica</i> (mango)	Hawaii, Kenya	23		2	Calif.*, Hawaii, N. J.
<i>Stictoptera signifera</i> (Wlk.) (Phalaenidae):					
Airplane	Japan		1		Hawaii.
<i>Stilodes atromaculata</i> Stal (Chrysomelidae):					
Orchid	Mexico			1	Tex.
<i>Sybra alternans</i> (Wied.) (Cerambycidae):					
Airplane	Hawaii, unknown		2		Hawaii.
<i>Bauhinia monandra</i>	Hawaii	1			Hawaii.
<i>Canavalia</i> sp.	do	2			Hawaii.
<i>Cordyline terminalis</i> (ti)	do	1		1	Hawaii.
<i>Operculina tuberosa</i> (wood-rose)	do	2			Hawaii.
<i>Sterculia urens</i>	do	1			Hawaii.
<i>Systole geniculata</i> (Foerster) (Eurytomidae):					
<i>Foeniculum vulgare</i> (fennel)	Yugoslavia			1	N. Y.
<i>Taeniothrips alliorum</i> Pr. (Thripidae):					
<i>Allium cepa</i> (onion)	Hawaii	1			Hawaii.
<i>Taeniothrips atratus</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	Germany, Iceland, Scotland	4		1	Ill., Mass., N. Y.
<i>Centaurea cyanus</i> (cornflower)	Denmark	1			N. Y.
<i>Chrysanthemum</i> sp.	France	1			Ill.
<i>Dahlia</i> sp.	Netherlands	1			N. Y.
<i>Dianthus</i> sp. (carnation)	England, Germany, Netherlands, unknown	2	3		Mass., N. Y., Pa.
Flowers—assorted	England, Germany	1	1		Mass., N. Y.
<i>Iris</i> sp.	England			1	N. J.
<i>Lathyrus odoratus</i> (sweetpea)	Sweden	1			Ill.
<i>Rosa</i> sp. (rose)	Germany, unknown	1	1		Ill., N. Y.
<i>Tritonia</i> , sp.	England	1			Ill.
<i>Zinnia</i> sp.	Scotland	1			N. Y.
<i>Taeniothrips dianthi</i> Pr. (Thripidae):					
<i>Dianthus</i> sp. (carnation)	Portugal	1			N. Y.
Flowers	Unknown		1		P. R.
<i>Taeniothrips ericae</i> (Hal.) (Thripidae):					
<i>Calluna vulgaris</i> (heather)	England, Germany, Scotland, Switzerland, unknown.	19	1	4	Ill., Mass., N. Y., Pa.
<i>Erica</i> sp.	England			1	N. J.
<i>Gladiolus</i> sp.	Mexico	1			N. Y.
<i>Taeniothrips gracilis</i> Mlt. (Thripidae):					
<i>Nymphaea odorata</i> (waterlily)	Bermuda	1			Mass.
<i>Taeniothrips hawaiiensis</i> (Morg.) (Thripidae):					
<i>Alpinia</i> sp.	Hawaii	1			Hawaii.
<i>Chrysanthemum</i> sp.	Japan		1		Hawaii.
<i>Dianthus</i> sp. (carnation)	Hawaii	1			Hawaii.
<i>Gardenia augusta</i> (gardenia)	do	17		2	Hawaii.

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<i>Taeniothrips hawaiiensis</i> —Continued					
<i>Philadelphus</i> sp. (mock orange).....	do.....	1			Hawaii.
<i>Plumeria</i> sp.....	do.....	2			Hawaii.
<i>Rosa</i> sp. (rose).....	Japan.....		1		Hawaii.
<i>Sesuvium portulacastrum</i> ("akulikuli").....	Hawaii.....	1			Hawaii.
<i>Zingiber officinale</i> (ginger).....	do.....	1			Hawaii.
<i>Taeniothrips picipes</i> (Zett.) (Thripidae):					
<i>Gentiana</i> sp. (bluebell).....	Switzerland.....	2			N. Y.
<i>Primula</i> sp.....	England.....		1	1	Mass., N. J.
<i>Taeniothrips vitticornis</i> (Ky.) (Thripidae):					
<i>Canavalia</i> sp.....	Hawaii.....	1			Hawaii.
<i>Taeniothrips vulgatissimus</i> (Hal.) (Thripidae):					
<i>Dahlia</i> sp.....	Netherlands.....	1			N. Y.
<i>Lathyrus odoratus</i> (sweetpea).....	Sweden.....	1			Ill.
<i>Zinnia</i> sp.....	Scotland.....	1			N. Y.
<i>Talponia batesi</i> Hein. (Olethreutidae):					
<i>Annona cherimola</i> (cherimoya).....	Guatemala, Mexico.....	5			Tex.
<i>Tapinaspis wesmali</i> (Boh.) (Chrysomelidae):					
<i>Chamaedorea oblongata</i>	Mexico.....	1			Tex.
" <i>Targionia</i> " <i>bromiliae</i> (Leon) (Coccidae):					
<i>Ananas comosus</i> (pineapple).....	Azores, Mexico.....	3			Mass., Tex.
" <i>Targionia</i> " <i>hartii</i> (Ckll.) (Coccidae):					
<i>Dioscorea</i> sp. (yam).....	Anguilla, British Honduras, British West Indies, Nevis, St. Kitts, Tortola.	6	1		N. Y., St. Thomas and St. John, Tex.
" <i>Targionia</i> " <i>sacchari</i> (Ckll.) (Coccidae):					
<i>Paspalum</i> sp.....	Puerto Rico.....			1	D. C.
<i>Saccharum officinarum</i> (sugarcane).....	Antigua, Puerto Rico.....	1	1		Fla.*, St. Thomas and St. John.
<i>Tarophagus proserpina</i> (Kirk.) (Delphacidae):					
<i>Colocasia antiquorum</i> (taro).....	Hawaii.....	1			Hawaii.
<i>Tenthecoris angustimarginatus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Mexico.....			7	Tex.
<i>Tenthecoris bicolor</i> Scott (Miridae):					
Orchid.....	Guatemala, Mexico.....			13	Tex.
<i>Tenthecoris confusus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Costa Rica, Mexico.....			10	Calif.*, Fla., Tex.
<i>Tenthecoris distinguendus</i> Hsiao & Sailer (Miridae):					
Orchid.....	Canal Zone.....			2	Fla.
<i>Tenuipalpus pacificus</i> Baker (Tenuipalpidae):					
<i>Phalaenopsis</i> sp.....	Indonesia.....			1	Hawaii.*
<i>Tenuirostritermes cinereus</i> (Buckley) (Termitidae):					
Orchid.....	Mexico.....			4	Tex.
<i>Tillandsia</i> sp.....	do.....			1	Tex.
<i>Tetranychus atlanticus</i> McG. (Tetranychidae):					
<i>Hibiscus</i> sp.....	do.....			2	Ariz.
<i>Tetranychus cinnabarinus</i> (Boisd.) (Tetranychidae):					
<i>Celosia</i> sp. (cock's comb).....	Lebanon.....	1			Mass.
<i>Dianthus</i> sp. (carnation).....	Japan.....	1			Hawaii.
<i>Pisum sativum</i> (pea).....	Mexico.....	1			Calif.
<i>Tetranychus desertorum</i> Banks (Tetranychidae):					
<i>Gossypium</i> sp. (cotton).....	do.....	1			Tex.
<i>Tetranychus telarius</i> (L.) (Tetranychidae):					
<i>Chrysanthemum</i> sp.....	England (?).....		1		Mass.
<i>Dianthus</i> sp. (carnation).....	Argentina, Germany, Japan.....	1	1	1	Calif.*, Ha- waii, Pa.
<i>Fragaria</i> sp. (strawberry).....	France.....	1			N. Y.
<i>Malus sylvestris</i> (apple).....	Chile.....	1			N. Y.
<i>Rosa</i> sp. (rose).....	Greece, unknown.....	1	1		Mass.
<i>Theba pisana</i> (Muller) (Mollusca):					
<i>Capsicum frutescens</i> (pepper).....	Portugal.....		1		Mass.
<i>Cucumis melo</i> (melon).....	Spain.....		1		Pa.
<i>Lactuca sativa</i> (lettuce).....	Gibraltar.....		1		Pa.
Military cargo.....	Morocco.....	2			S. C.
<i>Thecla ziba</i> Hew. (Lycaenidae):					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Bromelia sylvestris</i>	do.....	1			Tex.
<i>Thrips angusticeps</i> Uzel (Thripidae):					
<i>Lactuca sativa</i> (lettuce).....	Italy, Morocco.....		3		N. Y., Pa.
Flowers and plants—assorted.....	Italy.....			1	N. Y.

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<i>Thrips flavus</i> Schrank (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Germany, Iceland, Scotland, Switzerland.	4	---	1	Mass., N. Y.
<i>Chrysanthemum</i> sp.....	England	1	---	---	N. Y.
Daisy.....	British West Indies	---	---	1	N. Y.
Flowers—assorted.....	England	---	1	---	Mass.
<i>Potentilla</i> sp.....	Germany	---	---	1	N. J.
<i>Rosa</i> sp. (rose).....	Germany, Italy	2	---	---	N. Y., Va.
<i>Thrips fuscipennis</i> Hal. (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Germany, Scotland	1	---	1	Mass., N. Y.
<i>Centaurea cyanus</i> (cornflower).....	Denmark	1	---	---	N. Y.
Daisy.....	Germany	1	---	---	N. Y.
<i>Dianthus</i> sp. (carnation).....	do	2	---	---	Mass., N. Y.
Flowers—assorted.....	do	1	---	---	N. Y.
<i>Ilex</i> sp.....	Ireland	1	---	---	N. Y.
<i>Lavandula</i> sp. (lavender).....	England	1	---	---	N. Y.
<i>Potentilla fruticosa</i>	Netherlands	---	---	1	N. J.
<i>Rosa</i> sp. (rose).....	England	1	---	---	Mass.
<i>Zinnia</i> sp.....	Germany	1	---	---	N. Y.
<i>Thrips major</i> Uzel (Thripidae):					
<i>Calluna vulgaris</i> (heather).....	Germany, Scotland	2	---	1	Ill., Mass., N. Y.
Daisy.....	Germany	1	---	---	N. Y.
<i>Dianthus</i> sp. (carnation).....	do	1	---	---	N. Y.
Flowers—assorted.....	England	---	1	---	Mass.
<i>Potentilla</i> sp.....	Germany	---	---	1	N. J.
<i>Rosa</i> sp. (rose).....	England	2	---	---	Ill., N. Y.
<i>Thrips nigropilosus</i> Uzel (Thripidae):					
<i>Lactuca sativa</i> (lettuce).....	Egypt	---	1	---	Pa.
<i>Rosa</i> sp. (rose).....	England	1	---	---	N. Y.
<i>Toxotrypana curvicauda</i> Gerst. (Tephritidae):					
<i>Carica papaya</i> (papaya).....	Costa Rica	---	1	---	Calif.*
<i>Trialeurodes lauri</i> (Sign.) (Aleyrodidae):					
<i>Laurus nobilis</i> (Grecian laurel).....	Italy	---	---	1	N. Y.
<i>Trialeurodes vaporariorum</i> (Westw.) (Aleyrodidae):					
<i>Spathicarpa sagittifolia</i>	Canada	---	---	1	N. J.
<i>Tricentrus albomaculatus</i> Dist. (Membracidae):					
<i>Vanda</i> sp. (orchid).....	Hawaii	1	---	---	Hawaii.
<i>Trionymus sacchari</i> (Ckll.) (Coccidae):					
<i>Saccharum officinarum</i> (sugarcane).....	Mexico	1	---	---	Ariz.
<i>Trogoderma boron</i> Beal (Dermestidae):					
Grain—mixed.....	do	5	2	---	Ariz., Calif., Tex.
<i>Hordeum vulgare</i> (barley).....	do	1	---	---	Tex.
<i>Triticum aestivum</i> (wheat).....	Mexico (?)	---	1	---	Calif.
<i>Zea mays</i> (corn).....	do	---	1	---	Calif.
<i>Trogoderma granarium</i> Everts (Dermestidae):					
<i>Arachis hypogaea</i> (peanut).....	Formosa	---	1	---	Pa.
Burlap bagging.....	India	1	---	---	N. Y.
Grain—assorted.....	Australia	---	1	---	S. C.
<i>Oryza sativa</i> (rice).....	China, India, Formosa	1	13	---	Ala., Hawaii, La., Md., N. Y., Pa., Tex.
<i>Pisum sativum</i> (pea).....	India	---	1	---	Ala.
<i>Trogoderma ornatum</i> (Say) (Dermestidae):					
<i>Capsicum frutescens</i> (pepper).....	Mexico	1	---	---	Ariz.
Wrapping.....	Hawaii	1	---	---	Hawaii.
<i>Trogoderma sternale</i> Jayne ssp. (Dermestidae):					
<i>Gossypium</i> sp. (cotton; lint).....	Mexico	---	1	---	Calif.
“Mandado” bin.....	Mexico (?)	1	---	---	Tex.
<i>Trogoxylon aequale</i> (Woll.) (Lyctidae):					
<i>Swietenia mahagony</i> (mahogany).....	Haiti	1	---	---	Fla.
<i>Typocerus zebrata</i> (Oliv.) (Cerambycidae):					
Airplane.....	Japan	---	1	---	Hawaii.
<i>Tyrophagus infestans</i> (Berl.) (Acaridae):					
<i>Apium graveolens</i> (celery).....	Egypt	---	1	---	Mass.
<i>Brassica oleracea capitata</i> (cabbage).....	Denmark	1	---	---	Mass.
<i>Hoheria populnea</i> (ribbon wood).....	Ireland	1	---	---	Mass.
<i>Persa americana</i> (avocado).....	Dominican Republic	---	1	---	Pa.
<i>Phaseolus vulgaris</i> var. (string bean).....	Peru	---	1	---	N. Y.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

[An asterisk indicates State inspection]

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Tyrophagus infestans</i> —Continued					
Soil with plants and bulbs	Germany, Italy			2	Mass.
Soil with leek	Straits Settlements		1		Mass.
<i>Solanum tuberosum</i> (potato)	Canada		1		Tex.
<i>Udea rubigalis</i> (Guen.) (Pyraustidae):					
Cuttings—unidentified	Mexico			1	Tex.
<i>Unaspis citri</i> (Comst.) (Coccidae):					
<i>Citrus hystrix</i>	Australia		1		Hawaii.
<i>Citrus paradisi</i> (grapefruit)	Colombia	1			Fla.*
<i>Citrus reticulata</i> (Mandarin orange)	Japan		1		Calif.*
<i>Citrus sinensis</i> (orange)	Cuba, Dominican Republic		2		Fla.*
<i>Unaspis yanonensis</i> (Kuw.) (Coccidae):					
<i>Citrus aurantium</i> (sour orange)	Japan		4		Calif.*
<i>Citrus grandis</i> (pummelo)	China		1		Hawaii.
<i>Citrus limon</i> (lemon)	Japan		3		Calif.*
<i>Citrus paradisi</i> (pomelo)	do		1		Hawaii.
<i>Citrus reticulata</i> (Mandarin orange)	China, Japan, Philippines	6	30		Calif.*, Hawaii, Pa.
<i>Citrus sinensis</i> (orange)	Japan, Philippines	1	22		Calif.*, Hawaii.
<i>Citrus</i> sp.	Japan	3		1	Hawaii.
<i>Poncirus trifoliata</i> (trifoliolate-orange)	do			1	D. C.
<i>Valtissius diversus</i> (Dist.) (Lygaeidae):					
<i>Brassia</i> sp. (orchid)	British Honduras			1	Tex.
<i>Vinsonia stellifera</i> (Westw.) (Coccidae):					
<i>Aspasia epidendroides</i> (orchid)	Canal Zone			2	Calif.*
<i>Brassia caudata</i> (orchid)	do			1	Fla.
<i>Brassia gireoudiana</i>	do			1	Calif.*
<i>Brassia</i> sp.	do			4	Fla.
<i>Broughtonia</i> sp. (orchid)	Cuba (?), Jamaica			8	Fla.
<i>Cattleya trianae</i> (orchid)	Canal Zone			1	Calif.*
<i>Cypripedium exul</i> (orchid)	Straits Settlements			1	Hawaii.
<i>Epidendrum ciliare</i> (orchid)	Canal Zone			2	Fla.
<i>Epidendrum prismatocarpum</i>	do			1	Fla.
<i>Epidendrum stamfordianum</i>	do			1	Fla.
<i>Epidendrum</i> sp.	Canal Zone, Cuba, Trinidad			4	Fla., Hawaii, N. J.
<i>Heliconia</i> sp.	Cuba	1			Fla.*
Leaf—unidentified	Barbados	1			Ill.
<i>Oncidium confusum</i> (orchid)	Canal Zone			1	Fla.
<i>Oncidium</i> sp.	Canal Zone, Jamaica			3	Fla.
Orchid	Bahamas, Canal Zone, Costa Rica, Cuba, Curacao, Dominican Republic, Guatemala, Haiti, Jamaica, Panama, St. Lucia, Trinidad.			24	Calif.*, Fla., P. R.
<i>Phajus</i> sp. (orchid)	Cuba			1	Fla.
<i>Stanhopea grandiflora</i> (orchid)	Trinidad			1	Hawaii.*
<i>Stanhopea wardii</i>	Canal Zone			1	Fla.
<i>Xylobium</i> sp. (orchid)	do			1	Tex.
<i>Xyleborus semigranosus</i> Bldfd. (Scolytidae):					
<i>Cordyline terminalis</i> (ti)	Hawaii			1	Hawaii.
<i>Xylobiops sextuberculatus</i> (LeC.) (Bostrichidae):					
<i>Mangifera indica</i> (mango)	Mexico	2			Ariz., Calif.
<i>Zonitoides arboreus</i> (Say) (Mollusca):					
<i>Cordyline terminalis</i> (ti)	Hawaii	1			Hawaii.
Fern	do			1	Hawaii.
<i>Juniperus</i> sp.	Japan			1	Calif.*
Orchid	Mexico			1	Fla.

ABIES:

Megastigmus pinuspinus (Hymenoptera)
Megastigmus rafni (Hymenoptera)

ACACIA:

"*Acanthoscelides*" *spinipes* (Coleoptera)
Mimosestes sallaei (Coleoptera)

ACER:

Periphyllus californiensis (Homoptera)

ACHRAS:

Anastrepha fraterculus (Diptera)
Anastrepha serpentina (Diptera)

ADESMIA:

Frankliniella cestrum (Thysanoptera)

AGARICUS:

Nemapogon granella (Lepidoptera)

AGAVE:

Euschistus comptus (Hemiptera)
Scyphophorus acupunctatus (Coleoptera)

ALLIUM CEPA:

Prodenia eridania (Lepidoptera)
Taeniothrips alliorum (Thysanoptera)

ALLIUM PORRUM:

Acrolepia assectella (Lepidoptera)

ALLIUM SATIVUM:

Brachycerus albidentatus (Coleoptera)
Brachycerus algirus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Frankliniella tenuicornis (Thysanoptera)

ALOPECURUS:

Macroplax fasciata (Hemiptera)

ALPINIA:

Amorbia emigratella (Lepidoptera)
Ceroplastes rubens (Homoptera)
Pentalonia nigronervosa (Homoptera)
Pulvinaria psidii (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

ALYXIA:

Ceroplastes rubens (Homoptera)
Phenacaspis sandwicensis (Homoptera)

ANANAS:

Agroiconota propinqua (Coleoptera)
Alpheias conspirata (Lepidoptera)
Bradybaena similis (Mollusca)
Chalcodermus dentiferus (Coleoptera)
Ereunetis flavistriata (Lepidoptera)
Eutheola bidentata (Coleoptera)
Exptochiomera oblonga (Hemiptera)
Heterobostrychus aequalis (Coleoptera)
Pyroderces stigmatophora (Lepidoptera)
Ribua innoxia (Lepidoptera)
"*Targonia*" *bromiliae* (Homoptera)
Thecla ziba (Lepidoptera)

ANNONA:

Anastrepha serpentina (Diptera)
Aspidiotus destructor (Homoptera)
Bephrata maculicollis (Hymenoptera)
Cerconota anonella (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Talponia batesi (Lepidoptera)

ANTHURIUM:

Bradybaena similis (Mollusca)
Ceroplastes rubens (Homoptera)
Chlorophorus annularis (Coleoptera)
Hyalopeplus pellucidus (Hemiptera)
Iridomyrmex humilis (Hymenoptera)
Metamasius sericeus (Coleoptera)
Pheidole megacephala (Hymenoptera)

APIUM:

Limax flavus (Mollusca)
Tyrophagus infestans (Acarina)

ARACHIS:

Caryedon fuscus (Coleoptera)
Trogoderma granarium (Coleoptera)

ARCTOTIS:

Microcephalothrips abdominalis (Thysanoptera)

AROID:

Chrysomphalus umboniferus (Homoptera)

ASPARAGUS:

Crioceris asparagi (Coleoptera)

ASPASIA:

Vinsonia stellifera (Homoptera)

ASTER:

Frankliniella intonsa (Thysanoptera)

ASTRAGALUS:

Bruchidius picipes (Coleoptera)

AVERRHOA:

Ceratitis capitata (Diptera)

BAUHINIA:

Protopulvinaria pyriformis (Homoptera)
Sybra alternans (Coleoptera)

BETA:

Gnorimoschema ocellatella (Lepidoptera)
Hypera postica (Coleoptera)

BRASSAVOLA:

Diorymerellus laevimargo (Coleoptera)
Furcaspis bififormis (Homoptera)

BRASSIA:

Diorymerellus laevimargo (Coleoptera)
Valtissius diversus (Hemiptera)
Vinsonia stellifera (Homoptera)

BRASSICA CHINENSIS:

Listroderes costirostris obliquus (Coleoptera)

BRASSICA OLERACEA BOTRYTIS:

Evergestis forficalis (Lepidoptera)
Phytomyza rufipes (Diptera)

BRASSICA OLERACEA CAPITATA:

Deroceras reticulatum (Mollusca)
Evergestis forficalis (Lepidoptera)
Frankliniella tenuicornis (Thysanoptera)
Limax marginatus (Mollusca)
Mamestra brassicae (Lepidoptera)
Phytomyza rufipes (Diptera)
Sitona lineata (Coleoptera)
Tyrophagus infestans (Acarina)

BRASSICA RAPA:

Metamasius sericeus (Coleoptera)
Phytomyza rufipes (Diptera)
Psylliodes chrysocephala (Coleoptera)

BROMELIA:

Thecla ziba (Lepidoptera)

BROMELIACEAE:

Deroceras reticulatum (Mollusca)
Helix aspersa (Mollusca)
Limax marginatus (Mollusca)
Limothrips cerealium (Thysanoptera)
Plagioderma thymaloides (Coleoptera)

BROUGHTONIA:

Vinsonia stellifera (Homoptera)

BRYOPHYLLUM:

Coccus viridis (Homoptera)

BUDDLEIA:

Frankliniella formosae (Thysanoptera)

BUXUS:

Eriophyes canestrinii (Acarina)

CACTUS:

Alypiodes geronimo (Lepidoptera)
Lygaeus pusio (Hemiptera)
Nysius raphanus (Hemiptera)
Oxygryllus ruginasus (Coleoptera)
Paromius longulus (Hemiptera)
Prodenia ornithogalli (Lepidoptera)

CAJANUS:

Ancylostomia stercorea (Lepidoptera)
Callosobruchus maculatus (Coleoptera)
Fundella pellucens (Lepidoptera)
Monomorium destructor (Hymenoptera)
Nezara viridula (Hemiptera)
Platynota rostrana (Lepidoptera)

CALADIUM:

Pheidole megacephala (Hymenoptera)

CALAMUS (?):

Micrapate mexicana (Coleoptera)

CALLUNA:

Frankliniella intonsa (Thysanoptera)
Limothrips cerealium (Thysanoptera)
Livia juncorum (Homoptera)
Micrelus ericae (Coleoptera)
Platythrips tunicatus (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)

CALOCARPUM:

Anastrepha serpentina (Diptera)

Hosts and Insects—Continued

CAMELLIA:

- Brevipalpus inornatus* (Acarina)
- Chrysomphalus personatus* (Homoptera)
- Parlatoria camelliae* (Homoptera)
- Pinnaspis uniloba* (Homoptera)

CANAVALLA:

- Lampides boeticus* (Lepidoptera)
- Maruca testulalis* (Lepidoptera)
- Sybra alternans* (Coleoptera)
- Taeniothrips vitticornis* (Thysanoptera)

CAPSICUM:

- Aufeius impressicollis* (Hemiptera)
- Gnorimoschema gudmannella* (Lepidoptera)
- Nysius raphanus* (Hemiptera)
- Paragonatus divergens* (Hemiptera)
- Platynota rostrana* (Lepidoptera)
- Pyrausta nubilalis* (Lepidoptera)
- Theba pisana* (Mollusca)
- Trogoderma ornatum* (Coleoptera)

CARICA:

- Dacus dorsalis* (Diptera)
- Toxotrypana curvicauda* (Diptera)

CASTANEA:

- Curculio elephas* (Coleoptera)
- Curculio nucum* (Coleoptera)
- Laspeyresia splendana* (Lepidoptera)

CATTLEYA:

- Eurytoma orchidearum* (Hymenoptera)
- Furcaspis biformis* (Homoptera)
- Lygaeus guatemalanus* (Hemiptera)
- Pseudischnaspis alienus* (Homoptera)
- Vinsonia stellifera* (Homoptera)

CELOSIA:

- Tetranychus cinnabarinus* (Acarina)

CENTAUREA:

- Taeniothrips atratus* (Thysanoptera)
- Thrips fuscipennis* (Thysanoptera)

CHAMAEDOREA:

- Calyptocephala gerstaeckeri* (Coleoptera)
- Chaetocnema ectypa* (Coleoptera)
- Charidotis seminulum* (Coleoptera)
- Clerada apicicornis* (Hemiptera)
- Ctenochira aspersa* (Coleoptera)
- Deloyala guttata* (Coleoptera)
- Epicaerus fallax* (Coleoptera)
- Mettriona crucipennis* (Coleoptera)
- Tapinaspis wesmaeli* (Coleoptera)

CHRYSANTHEMUM:

- Frankliniella formosae* (Thysanoptera)
- Frankliniella tritici* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Homoeosoma electellum* (Lepidoptera)
- Limothrips cerealium* (Thysanoptera)
- Microcephalothrips abdominalis* (Thysanoptera)
- Phytomyza atricornis* (Diptera)
- Plautia fimbriata* (Hemiptera)
- Pyrausta nubilalis* (Lepidoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)
- Tetranychus telarius* (Acarina)
- Thrips flavus* (Thysanoptera)

CHRYSOPHYLLUM:

- Anastrepha serpentina* (Diptera)

CICHORIUM:

- Phytomyza rufipes* (Diptera)

CITRUS AURANTIFOLIA:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudischnaspis longissima* (Homoptera)

CITRUS AURANTIUM:

- Dialeurodes citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS DEPRESSA:

- Parlatoria zizyphus* (Homoptera)

CITRUS GRANDIS:

- Unaspis yanonensis* (Homoptera)

CITRUS HYSTRIX:

- Unaspis citri* (Homoptera)

CITRUS LIMON:

- Ceratitis capitata* (?) (Diptera)
- Leucaspis cockerelli* (Homoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Pseudococcus gahani* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS LIMON VAR. PONDEROSA:

- Anastrepha ludens* (Diptera)

CITRUS PARADISI:

- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Anastrepha mombinpraeoptans* (Diptera)
- Ceratitis capitata* (Diptera)
- Leucaspis cockerelli* (Homoptera)
- Olethreutes leucotreta* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS RETICULATA:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus bifasciculatus* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SINENSIS:

- Aleurocanthus woglumi* (Homoptera)
- Anastrepha fraterculus* (Diptera)
- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)
- Chrysomphalus personatus* (Homoptera)
- Cryptoblabes gnidiella* (Lepidoptera)
- Leucaspis cockerelli* (Homoptera)
- Myelois ceratoniae* (Lepidoptera)
- Olethreutes leucotreta* (Lepidoptera)
- Parlatoria cinerea* (Homoptera)
- Parlatoria zizyphus* (Homoptera)
- Unaspis citri* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CITRUS SP.

- Aleurocanthus woglumi* (Homoptera)
- Glycyphagus domesticus* (Acarina)
- Parlatoria zizyphus* (Homoptera)
- Pulvinaria aurantii* (Homoptera)
- Unaspis yanonensis* (Homoptera)

CLADOBIUM:

- Eurytoma orchidearum* (Hymenoptera)

COCOS:

- Aonidiella inornata* (Homoptera)
- Aspidiotus destructor* (Homoptera)
- Diocalandra taitensis* (Coleoptera)
- Ereunetis flavistriata* (Lepidoptera)
- Furcaspis oceanica* (Homoptera)
- Kaloterms immigrans* (Isoptera)
- Parlatoria crotonis* (Homoptera)
- Pseudococcus palmarum* (Homoptera)
- Pseudococcus saipanensis* (Homoptera)

CODIAEUM:

- Lepidosaphes tokionis* (Homoptera)
- Parlatoria crotonis* (Homoptera)

COFFEA:

- Ceratitis capitata* (Diptera)
- Coccus viridis* (Homoptera)
- Dacus dorsalis* (Diptera)
- Stephanoderes hampei* (Coleoptera)

COLOCASIA:

- Bradybaena similis* (Mollusca)
- Tarophagus proserpina* (Homoptera)

COLUTEA:

- Bruchophagus coluteae* (Hymenoptera)

CONVOLVULUS:

- Spermophagus cardui* (Coleoptera)

COPAIFERA:

- Adetus mucoreus* (Coleoptera)
- Dysdercus rusticus* (Hemiptera)
- Platypus rugulosus* (Coleoptera)

CORDYLINE:

- Adoretus sinicus* (Coleoptera)
- Bradybaena similis* (Mollusca)

CORDYLINE—Continued

- Dacus dorsalis* (Diptera)
- Deroceras reticulatum* (Mollusca)
- Parthenothrips dracaenae* (Thysanoptera)
- Pheidole megacephala* (Hymenoptera)
- Phenacaspis sandwicensis* (Homoptera)
- Pinnaspis buxi* (Homoptera)
- Plusia chalcites* (?) (Lepidoptera)
- Sybra alternans* (Coleoptera)
- Xyleborus semigranosus* (Coleoptera)
- Zonitoides arboreus* (Mollusca)

CORTADERIA:

- Haplothrips gowdeyi* (Thysanoptera)
- Pseudococcus boninsis* (Homoptera)

CRATAEGUS:

- Ceratitis capitata* (Diptera)

CUCUMIS:

- Dacus cucurbitae* (Diptera)
- Exptochiamera confusa* (Hemiptera)
- Loxostege similalis* (Lepidoptera)
- Theba pisana* (Mollusca)

CUPRESSUS:

- Barbara tessulatana* (Lepidoptera)
- Dactylotrypes uytenboogaarti* (Coleoptera)
- Orsillus depressus* (Hemiptera)

CYCAD:

- Cryphula apicatus* (Hemiptera)

CYCLAMEN:

- Frankliniella intonsa* (Thysanoptera)

CYDONIA:

- Anastrepha ludens* (Diptera)
- Ceratitis capitata* (Diptera)

CYMBIDIUM:

- Lepidosaphes tuberculata* (Homoptera)
- Oxycarenus bicolor* (Hemiptera)

CYNARA:

- Anuraphis cardui* (Homoptera)
- Gortyna flavago* (Lepidoptera)

CYPRIPIEDUM:

- Vinsonia stellifera* (Homoptera)

CYRTOSTACHYS:

- Pinnaspis buxi* (Homoptera)

DAHLIA:

- Frankliniella bispinosa* (Thysanoptera)
- Frankliniella formosae* (Thysanoptera)
- Frankliniella intonsa* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Microcephalothrips abdominalis* (Thysanoptera)
- Odontotermes wallonensis* (Isoptera)
- Sitona lineata* (Coleoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips vulgarissimus* (Thysanoptera)

DAISY:

- Haplothrips gowdeyi* (Thysanoptera)
- Microcephalothrips abdominalis* (Thysanoptera)
- Thrips flavus* (Thysanoptera)
- Thrips fuscipennis* (Thysanoptera)
- Thrips major* (Thysanoptera)

DELONIX:

- Amorbia emigratella* (Lepidoptera)

DELPHINIUM:

- Diaprepes abbreviata* (Coleoptera)

DIANTHUS:

- Frankliniella formosae* (Thysanoptera)
- Frankliniella schultzei* (Thysanoptera)
- Haplothrips cottei* (Thysanoptera)
- Haplothrips gowdeyi* (Thysanoptera)
- Microcephalothrips abdominalis* (Thysanoptera)
- Taeniothrips atratus* (Thysanoptera)
- Taeniothrips dianthi* (Thysanoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)
- Tetranychus cinnabarinus* (Acarina)
- Tetranychus telarius* (Acarina)
- Thrips fuscipennis* (Thysanoptera)
- Thrips major* (Thysanoptera)

DIEFFENBACHIA:

- Bradybaena similaris* (Mollusca)

DIOSCOREA:

- Pheidole megacephala* (Hymenoptera)
- "*Targionia*" *hartii* (Homoptera)

DIOSPYROS:

- Ceratitis capitata* (?) (Diptera)
- Cryptoblabes gnidiella* (Lepidoptera)

- Dacus dorsalis* (Diptera)

DOLICHOS:

- Callosobruchus maculatus* (Coleoptera)
- Callosobruchus phaseoli* (Coleoptera)

EPIDENDRUM:

- Eurytoma orchidearum* (Hymenoptera)
- Furcaspis biformis* (Homoptera)
- Vinsonia stellifera* (Homoptera)

ERICA:

- Oxychilus allarius* (Mollusca)
- Taeniothrips ericae* (Thysanoptera)

ERIOBOTRYA:

- Ceratitis capitata* (Diptera)

EUGENIA:

- Anastrepha mombinpraeoptans* (Diptera)
- Ceratitis capitata* (?) (Diptera)

FATSIA:

- Ceroplastes rubens* (Homoptera)
- Chrysomphalus bifasciculatus* (Homoptera)
- Haplothrips aculeatus* (Thysanoptera)

FERN:

- Deroceras reticulatum* (Mollusca)

FICUS:

- Asterolecanium pustulans* (Homoptera)
- Ceratitis capitata* (Diptera)
- Dacus dorsalis* (Diptera)

FOENICULUM:

- Systole geniculata* (Hymenoptera)

FRAGARIA:

- Tetranychus telarius* (Acarina)

GARDENIA:

- Amorbia emigratella* (Lepidoptera)
- Bradybaena similaris* (Mollusca)
- Coccus viridis* (Homoptera)
- Dialeurodes citri* (Homoptera)
- Eucalymnatus tessellatus* (Homoptera)
- Iridomyrmex humilis* (Hymenoptera)
- Monomorium destructor* (Hymenoptera)
- Pealius hibisci* (Homoptera)
- Protopulvinaria pyriformis* (Homoptera)
- Pulvinaria psidii* (Homoptera)
- Taeniothrips hawaiiensis* (Thysanoptera)

GENTIANA:

- Frankliniella intonsa* (Thysanoptera)
- Taeniothrips picipes* (Thysanoptera)

GESNERIA:

- Deroceras reticulatum* (Homoptera)

GLADIOLUS:

- Amorbia emigratella* (Lepidoptera)
- Anuraphis tulipae* (Homoptera)
- Frankliniella formosae* (Thysanoptera)
- Limothrips cerealium* (Thysanoptera)
- Taeniothrips ericae* (Thysanoptera)

GLEDITSIA:

- Bruchidius dorsalis* (Coleoptera)

GLYCINE:

- Callosobruchus maculatus* (Coleoptera)

GLYCYRRHIZA:

- Bruchophagus glycyrrhizae* (Hymenoptera)

GOSSYPIUM:

- Oxycarenus bicolor* (Hemiptera)
- Pectinophora gossypiella* (Lepidoptera)
- Pectinophora scutigera* (Lepidoptera)
- Tetranychus desertorum* (Acarina)
- Trogoderma sternale* (Coleoptera)

GYPSOPHILA:

- Frankliniella bispinosa* (Thysanoptera)

HEDYCHIUM:

- Achatina fulica* (Mollusca)
- Bradybaena similaris* (Mollusca)
- Pentalonia nigronervosa* (Homoptera)

HELICHRYSUM:

- Microcephalothrips abdominalis* (Thysanoptera)

HELICONIA:

- Bradybaena similaris* (Mollusca)
- Vinsonia stellifera* (Homoptera)

HIBISCUS:

- Crociosema plebeiana* (Lepidoptera)
- Pectinophora gossypiella* (Lepidoptera)
- Pheidole megacephala* (Hymenoptera)
- Tetranychus atlanticus* (Acarina)

HOHERIA:

- Tyrophagus infestans* (Acarina)

Hosts and Insects—Continued

HORDEUM:

Trogoderma boron (Coleoptera)

ILEX:

Thrips fuscipennis (Thysanoptera)

INGA:

Anastrepha distincta (?) (Diptera)

IPOMOEA:

Cylas formicarius (Coleoptera)

Cylas formicarius elegantulus (Coleoptera)

Cylas formicarius formicarius (Coleoptera)

Euscepes postfasciatus (Coleoptera)

IRIS:

Anuraphis tulipae (Homoptera)

Bregmatothrips iridis (Thysanoptera)

Taeniothrips atratus (Thysanoptera)

IXORA:

Coccus viridis (Homoptera)

Protopulvinaria pyriformis (Homoptera)

Pulvinaria psidii (Homoptera)

JASMINUM:

Amorbia emigratella (Lepidoptera)

Dialeurodes kirkaldyi (?) (Homoptera)

JUGLANS:

Rhagoletis completa (Diptera)

JUNIPERUS:

Oligonychus perditus (Acarina)

Zonitoides arboreus (Mollusca)

LABURNUM:

Sparteus villosus (Coleoptera)

LACTUCA:

Cnephasia longana (Lepidoptera)

Deroceras reticulatum (Homoptera)

Nysius californicus (Hemiptera)

Theba pisana (Mollusca)

Thrips angusticeps (Thysanoptera)

Thrips nigropilosus (Thysanoptera)

LAELIA:

Chrysomphalus umboniferus (Homoptera)

Pseudischnaspis alienus (Homoptera)

Puto ulter (Homoptera)

LANSIUM:

Pachybrachius neitneri (Hemiptera)

Pseudococcus halli (tentative) (Homoptera)

LATHYRUS:

Bruchus brachialis (Coleoptera)

Bruchus tristis (Coleoptera)

Frankliniella bispinosa (Thysanoptera)

Frankliniella intonsa (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

Taeniothrips atratus (Thysanoptera)

Taeniothrips vulgatissimus (Thysanoptera)

LAURUS:

Trialeurodes lauri (Homoptera)

LAVANDULA:

Thrips fuscipennis (Thysanoptera)

LENS:

Bruchus ervi (Coleoptera)

Bruchus lentis (Coleoptera)

Bruchus signaticornis (Coleoptera)

Bruchus ulicis (Coleoptera)

Callosobruchus analis (Coleoptera)

LEUCAENA:

Ereunetis flavistriata (Lepidoptera)

Stator pruininus (Coleoptera)

LILIUM:

Bradybaena similis (Mollusca)

Frankliniella formosae (Thysanoptera)

Lilioceris lili (Coleoptera)

Liliodithrips vaneckei (Thysanoptera)

Nysius californicus (Hemiptera)

LONICERA:

Monomorium destructor (Hymenoptera)

LYCOPERSICON:

Blissus leucopterus (Hemiptera)

Dacus cucurbitae (Diptera)

Heliothis subflexa (Lepidoptera)

Nysius raphanus (Hemiptera)

Plagiometriona diversicollis (Coleoptera)

Platynota rostrana (Lepidoptera)

Prodenia eridania (Lepidoptera)

MACADAMIA:

Cryptophlebia illepidia (Lepidoptera)

MALUS:

Anastrepha ludens (Diptera)

Argyresthia conjugella (Lepidoptera)

Austrotortrix postvittana (Lepidoptera)

Brevipalpus oudemansi (Acarina)

Carposina sasakii (Lepidoptera)

Ceratitis capitata (Diptera)

Deroceras reticulatum (?) (Mollusca)

Glycyphagus domesticus (Acarina)

Grapholitha molesta (Lepidoptera)

Lepidosaphes conchiformis (Homoptera)

Rhagoletis pomonella (Diptera)

Tetranychus telarius (Acarina)

MAMMEA:

Aspidiotus herculeanus (Homoptera)

Chrysomphalus odontoglossi (Homoptera)

MANGIFERA:

Anastrepha ludens (Diptera)

Anastrepha mombinpraeoptans (Diptera)

Anastrepha striata (Diptera)

Aulacaspis mangiferae (Homoptera)

Ceratitis capitata (?) (Diptera)

Dacus dorsalis (Diptera)

Dacus passiflorae (?) (Diptera)

Phenacaspis sandwicensis (Homoptera)

Sternochetus mangiferae (Coleoptera)

Xylobiops sextuberculatus (Coleoptera)

MESEMBRYANTHEMUM:

Frankliniella sulphurea (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

MESPIBUS:

Ceratitis capitata (Diptera)

MIMOSA:

Acanthoscelides spinipes (Coleoptera)

MONSTERA:

Pinnaspis buxi (Homoptera)

MUSA:

Cosmopolites sordidus (Coleoptera)

Epilachna paenulata (Coleoptera)

Metamasius sericeus (Coleoptera)

Polytus mellerborgii (Coleoptera)

MUSCARI:

Bouhelia maroccana (Homoptera)

NARCISSUS:

Limothrips cerealium (Thysanoptera)

Steneotarsonemus laticepes (Acarina)

NERIUM:

Amorbia emigratella (Lepidoptera)

Haplothrips gowdeyi (Thysanoptera)

NYMPHAEA:

Taeniothrips gracilis (Thysanoptera)

OLEA:

Dacus oleae (Diptera)

ONCIDIUM:

Asterolecanium epidendri (Homoptera)

Furcaspis biformis (Homoptera)

Vinsonia stellifera (Homoptera)

ONOBRYCHIS:

Bruchidius gilvus (Coleoptera)

Bruchophagus onobrychidis (Hymenoptera)

ONONIS:

Bruchophagus ononis (Hymenoptera)

OPERCULINA:

Araecerus vieillardii (Coleoptera)

Megacerus alternatus (Coleoptera)

Pantomorus godmani (Coleoptera)

Sybra alternans (Coleoptera)

OPUNTIA:

Ceratitis capitata (Diptera)

ORCHID:

Adoretus sinicus (Coleoptera)

Anaphothrips orchidaceus (Thysanoptera)

Anchastus flavovittatus (Coleoptera)

Anthonomus ruficollis (Coleoptera)

Aphanus umbrosus (Hemiptera)

Asterolecanium epidendri (Homoptera)

Chrysomphalus umboniferus (Homoptera)

Crophius dirupta (Hemiptera)

Cryphula apicatus (Hemiptera)

Deloyala guttata (Coleoptera)

Deloyala lecontei (Coleoptera)

ORCHID—Continued

Dendrocoris variegatus (Hemiptera)
Deroceras reticulatum (Mollusca)
Diorymerellus laevimargo (Coleoptera)
Exptochiamera confusa (Hemiptera)
Exptochiamera formosa (Hemiptera)
Farinococcus guatemalensis (Homoptera)
Ferrisia virgata (Homoptera)
Furcaspis biformis (Homoptera)
Galgupha punctifer (Hemiptera)
Galgupha quadrisignata (Hemiptera)
Galgupha texana (Hemiptera)
Helix aspersa (Mollusca)
Heraeus guttatus (Hemiptera)
Heterotermes aureus (Isoptera)
Hyperparachma rhodalis (Lepidoptera)
Iridomyrmex iniquus (Hymenoptera)
Limax marginatus (Mollusca)
Listroderes costirostris obliquus (Coleoptera)
Macropygium reticulare (Hemiptera)
Mecolaemus carvalhoi (?) (Hemiptera)
Monanthia monotropidia (Hemiptera)
Mormidea pictiventris (Hemiptera)
Neuroctenus litigiosus (Hemiptera)
Nysius raphanus (Hemiptera)
Oedionychis atroguttata (Coleoptera)
Oedionychis pavonina (Coleoptera)
Ogdoecosta biannularis (Coleoptera)
Paromius longulus (Hemiptera)
Pheidole megacephale (Hymenoptera)
Phelypera distigma (Coleoptera)
Physonota citrinella (Coleoptera)
Physonota picticollis (Coleoptera)
Plagiodera congesta (Coleoptera)
Plagiodera semivittata (Coleoptera)
Plagiodera thymaloides (Coleoptera)
Praeblissus albofasciatus (Hemiptera)
Puto ulter (Homoptera)
Rejectaria pharusalis (Lepidoptera)
Scotinophara lurida (Hemiptera)
Stilodes atromaculata (Coleoptera)
Tenthecoris angustimarginatus (Hemiptera)
Tenthecoris bicolor (Hemiptera)
Tenthecoris confusus (Hemiptera)
Tenthecoris distinguendus (Hemiptera)
Tenuirostritermes cinereus (Isoptera)
Vinsonia stellifera (Homoptera)
Zonitoides arboreus (Mollusca)

ORNITHOGALUM:

Epichorista ionephala (Lepidoptera)
Frankliniella schultzei (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Leptidiella brevipennis (Coleoptera)

ORYZA:

Chilo suppressalis (Lepidoptera)
Monomorium destructor (Hymenoptera)
Trogoderma granarium (Coleoptera)

PACHIRA:

Coccus viridis (Homoptera)

PACHYCEREUS:

Pseudodiaspis yuccae (Homoptera)

PALM:

Aspidiotus destructor (Homoptera)
Eucalymnatus tessellatus (Homoptera)
Metriona crucipennis (Coleoptera)

PASPALUM:

"*Targionia*" *sacchari* (Homoptera)

PELARGONIUM:

Exptochiamera confusa (Hemiptera)
Frankliniella occidentalis (Thysanoptera)
Iridomyrmex humilis (Hymenoptera)

PERSEA:

Conotrachelus aguacatae (Coleoptera)
Heilipus lauri (Coleoptera)
Stenoma catenifer (Lepidoptera)
Tyrophagus infestans (Acarina)

PHAEOMERIA:

Bradybaena similis (Mollusca)

PHAJUS:

Vinsonia stellifera (Homoptera)

PHALAEENOPSIS:

Tenuipalpus pacificus (Acarina)

PHASEOLUS:

Apion griseum (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Caulophilus latinasus (Coleoptera)
Epinotia aporema (Lepidoptera)
Everes comyntas (Lepidoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia leguminis (Lepidoptera)
Maruca testulalis (Lepidoptera)
Tyrophagus infestans (Acarina)

PHILADELPHUS:

Frankliniella sulphurea (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)

PHILODENDRON:

Bradybaena similis (Mollusca)
Eucalymnatus tessellatus (Homoptera)
Lamellaxis gracilis (Mollusca)
Neoleucon rubrotylus (Hemiptera)

PHYSALIS:

Heliothis subflexa (Lepidoptera)

PILEA:

Amorbia emigratella (Lepidoptera)

PINUS:

Dichocrocis punctiferalis (Lepidoptera)
Dryocoetes autographus (Coleoptera)
Ernobius mollis (Coleoptera)
Hylurgops palliatus (Coleoptera)
Leucaspis pusilla (Homoptera)

PIPER:

Aonidiella inornata (Homoptera)

PISUM:

Bruchus emarginatus (Coleoptera)
Callosobruchus maculatus (Coleoptera)
Lampides boeticus (Lepidoptera)
Laspeyresia nigricana (Lepidoptera)
Maruca testulalis (Lepidoptera)
Tetranychus cinnabarinus (Acarina)
Trogoderma granarium (Coleoptera)

PITTOSPORUM:

Brevipalpus inornatus (Acarina)

PLUMERIA:

Amorbia emigratella (Lepidoptera)
Bradybaena similis (Mollusca)
Deroceras reticulatum (Mollusca)
Orchidophilus peregrinator (Coleoptera)
Pantomorus godmani (Coleoptera)
Taeniothrips hawaiiensis (Thysanoptera)

PONCIRUS:

Parlatoria zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

POTENTILLA:

Frankliniella intonsa (Thysanoptera)
Limothrips cerealium (Thysanoptera)
Limothrips denticornis (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)

PRIMULA:

Phytomyza atricornis (Diptera)
Taeniothrips picipes (Thysanoptera)

PROTEA:

Glycyphagus domesticus (Acarina)

PRUNUS AMYGDALUS:

Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (?) (Diptera)

PRUNUS ARMENIACA:

Ceratitis capitata (Diptera)
Ischnodemus diplopterus (Hemiptera)

PRUNUS DOMESTICA:

Eulia auraria (Lepidoptera)
Grapholitha molesta (Lepidoptera)
Pseudococcus gahani (Homoptera)

PRUNUS NIPPONICA:

Anthonomus rectirostris (Coleoptera)

PRUNUS PERSICA:

Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)
Pseudococcus comstocki (Homoptera)

PRUNUS PERSICA NECTARINA:

Ceratitis capitata (Diptera)

Hosts and Insects—Continued

- PRUNUS SP. (cherry):
Rhagoletis cerasi (Diptera)
- PRUNUS SP.:
Pseudococcus matsumotoi (Homoptera)
- PSIDIUM:
Amorbia emigratella (Lepidoptera)
Anastrepha mombinpraeoptans (Diptera)
Anastrepha striata (Diptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Dacus dorsalis (Diptera)
- PUNICA:
Amorbia emigratella (Lepidoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Myelois ceratoniae (Lepidoptera)
- PYRUS:
Anastrepha ludens (Diptera)
Anastrepha mombinpraeoptans (Diptera)
Ceratitis capitata (Diptera)
Grapholitha molesta (Lepidoptera)
- QUERCUS:
Curculio elephas (Coleoptera)
Neuroterus numismalis (Hymenoptera)
Neuroterus quercus-baccarum (Hymenoptera)
Porthetria dispar (Lepidoptera)
Sinoxylon sexdentatum (Coleoptera)
- RHODODENDRON:
Dialeurodes chittendeni (Homoptera)
Gracilaria azaleella (Lepidoptera)
Haplothrips aculeatus (Thysanoptera)
Limothrips cerealium (Thysanoptera)
Psylla rhododendri (Homoptera)
- RODRIGUEZIA:
Furcaspis biformis (Homoptera)
- ROSA:
Frankliniella formosae (Thysanoptera)
Frankliniella intonsa (Thysanoptera)
Haplothrips gowdeyi (Thysanoptera)
Microcephalothrips abdominalis (Thysanoptera)
Pseudaonidia trilobitiformis (Homoptera)
Selenothrips rubrocinctus (Thysanoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
Tetranychus telarius (Acarina)
Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)
Thrips nigropilosus (Thysanoptera)
- ROSMARINUS:
Cacoecia pronubana (?) (Lepidoptera)
- SACCHARUM:
Chilo loftini (Lepidoptera)
"Targionia" sacchari (Homoptera)
Trionymus sacchari (Homoptera)
- SAMANEA:
Cryptophlebia illepidia (Lepidoptera)
Stator limbatus (Coleoptera)
- SAPOTE:
Anastrepha ludens (Diptera)
- SARACA:
Pseudaonidia trilobitiformis (Homoptera)
- SCIRPUS:
Glycyphagus domesticus (Acarina)
- SELAGINELLA:
Philaspis bivulnerata (Coleoptera)
- SERISSA:
Brevipalpus inornatus (Acarina)
- SESBANIA:
Bruchophagus mellipes (Hymenoptera)
- SESUVIUM:
Haplothrips gowdeyi (Thysanoptera)
Taeniothrips hawaiiensis (Thysanoptera)
- SOIL:
Deroceras reticulatum (Mollusca)
Euethiola rugiceps (Coleoptera)
Frankliniella tenuicornis (Thysanoptera)
Glycyphagus domesticus (Acarina)
Haplothrips cottei (Thysanoptera)
Limax marginatus (Mollusca)
Limothrips cerealium (Thysanoptera)
Limothrips denticornis (Thysanoptera)
- Listroderes costirostris obliquus* (Coleoptera)
Oxychilus allarius (Mollusca)
Pheidole megacephala (Hymenoptera)
Tyrophagus infestans (Acarina)
- SOLANUM MELONGENA:
Leucinodes orbonalis (Lepidoptera)
Milax gagates (Mollusca)
Pachyzancla periusalis (Lepidoptera)
- SOLANUM TUBEROSUM:
Ligyrocoris nitidicollis (Hemiptera)
Tyrophagus infestans (Acarina)
- SORGHUM:
Blissus leucopterus (Hemiptera)
Haplothrips gowdeyi (?) (Thysanoptera)
Pyrausta nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)
- SPARTIUM:
Sparteus villosus (Coleoptera)
- SPATHICARPA:
Trialeurodes vaporariorum (Homoptera)
- SPONDIAS:
Anastrepha mombinpraeoptans (Diptera)
- STANHOPEA:
Asterolecanium epidendri (Homoptera)
Cephalodonta callosa (Coleoptera)
Vinsonia stellifera (Homoptera)
- STENOTAPHRUM:
Hymenia perspectalis (Lepidoptera)
- STERCULIA:
Oxydema fusiforme (Coleoptera)
Sybra alternans (Coleoptera)
- STRELITZIA:
Pantomorus godmani (Coleoptera)
Phenacaspis sandwicensis (Homoptera)
Pinnaspis buxi (Homoptera)
- SWIETENIA:
Agroiconota propinqua (Coleoptera)
Trogoxylon aequale (Coleoptera)
- SYRINGA:
Galerucella xanthomelaena (Coleoptera)
Haplothrips aculeatus (Thysanoptera)
Limothrips cerealium (Thysanoptera)
Sitona lineata (Coleoptera)
- TAGETES:
Microcephalothrips abdominalis (Thysanoptera)
- TAMARINDUS:
Myelois ceratoniae (Lepidoptera)
- TERMINALIA:
Dacus dorsalis (?) (Diptera)
- THEMEDA:
Aplocnemus aerosus (Coleoptera)
- THEOBROMA:
Pseudaonidia trilobitiformis (Homoptera)
- THEVETIA:
Dacus dorsalis (?) (Diptera)
- TILLANDSIA:
Monanthia monotropidia (Hemiptera)
Tenuirostritermes cinereus (Isoptera)
- TRITICUM:
Glycyphagus domesticus (Acarina)
Limothrips denticornis (Thysanoptera)
Trogoderma boron (Coleoptera)
- TRITONIA:
Taeniothrips atratus (Thysanoptera)
- VANDA:
Amorbia emigratella (Lepidoptera)
Bradybaena similis (Mollusca)
Clerada apicicornis (Hemiptera)
Deroceras reticulatum (Mollusca)
Nysius coenosulus (Hemiptera)
Parlatoria psuedaspidiotus (Homoptera)
Plusia chalcites (?) (Lepidoptera)
Tricentrus albomaculatus (Homoptera)
- VICIA:
Apion pomonae (Coleoptera)
Bruchidius algiricus (Coleoptera)
Bruchidius incarnatus (Coleoptera)
Bruchus brachialis (Coleoptera)
Bruchus emarginatus (Coleoptera)
Bruchus luteicornis (Coleoptera)
Bruchus tristiculus (Coleoptera)
Bruchus ulicis (Coleoptera)

Hosts and Insects—Continued

VICIA—Continued

Callosobruchus maculatus (Coleoptera)

VIGNA:

Callosobruchus maculatus (Coleoptera)

VITIS:

Ceratitis capitata (?) (Diptera)*Chelymorpha varians* (Coleoptera)*Naupactus xanthographus* (Coleoptera)*Nezara viridula* (Hemiptera)*Pantomorus godmani* (Coleoptera)*Phlyctinus callosus* (Coleoptera)*Polychrosis botrana* (?) (Lepidoptera)

XYLOBIUM:

Vinsonia stellifera (Homoptera)

ZEA:

Frankliniella williamsi (Thysanoptera)*Moodna bisinuella* (Lepidoptera)*Peregrinus maidis* (Homoptera)*Trogoderma boron* (Coleoptera)

ZINGIBER:

Adoretus sinicus (Coleoptera)*Taeniothrips hawaiiensis* (Thysanoptera)

ZINNIA:

Homoeosoma electellum (Lepidoptera)*Microcephalothrips abdominalis* (Thysanoptera)*Pheidole megacephala* (Hymenoptera)*Taeniothrips atratus* (Thysanoptera)*Taeniothrips vulgatissimus* (Thysanoptera)*Thrips fuscipennis* (Thysanoptera)

Hosts Unknown

AIRPLANE:

Adoretus sinicus (Coleoptera)
Agrotis ypsilon (Lepidoptera)
Anastrepha serpentina (Diptera)
Anomala albopilosa (Coleoptera)
Anomala cuprea (Coleoptera)
Anomala orientalis (Coleoptera)
Anomala pleurimargo (Coleoptera)
Anomala schoenfeldti (Coleoptera)
Anomala sulcatula (Coleoptera)
Aphthona nanyoensis (Coleoptera)
Arcte caerulea (Lepidoptera)
Athesapeuta cyperi (Coleoptera)
Cassida circumdata (Coleoptera)
Characoma albulalis (Lepidoptera)
Chrysobothris adelpha (Coleoptera)
Colaspis suturalis (Coleoptera)
Colasposoma metallicus rugiceps (Coleoptera)
Coptotermes formosanus (Isoptera)
Cosmopsaltris fuliginosa (Homoptera)
Dacus cucurbitae (Diptera)
Dacus dorsalis (Diptera)
Gnaphalocrocis medinalis (Lepidoptera)
Hyalopeplus pellucidus (Hemiptera)
Hypocala deflorata (Lepidoptera)
Kalotermes jouteli (Isoptera)
Monalocorisca granulata (Hemiptera)
Mormidea pictiventris (Hemiptera)
Nephotettix apicalis (Homoptera)
Nezara viridula (Hemiptera)
Nomophila noctuella (Lepidoptera)
Nysius californicus (Hemiptera)
Nysius coenosulus (Hemiptera)
Nysius terrestris (Hemiptera)
Paragonatas divergens (Hemiptera)
Peridroma margaritosa (Lepidoptera)
Perkinsiella saccharicida (Homoptera)
Perkinsiella vitiensis (Homoptera)
Petrochroa dimorpha (Lepidoptera)
Physonota attenuata (Coleoptera)
Schoenobius incertulas (Lepidoptera)
Sidemia deparvata (?) (Lepidoptera)
Spodoptera mauritia (Lepidoptera)
Stictoptera signifera (Lepidoptera)
Sybra alternans (Coleoptera)
Typocerus zebrata (Coleoptera)

BAGGAGE:

Adoretus sinicus (Coleoptera)
Diaprepes famelicus var. (Coleoptera)
Diocalandra taitensis (Coleoptera)
Nysius raphanus (Hemiptera)
Pantomorus godmani (Coleoptera)
Pieris brassicae (Lepidoptera)

BEAN:

Bruchus tristis (Coleoptera)
Callosobruchus maculatus (Coleoptera)

ON BOX CONTAINING RHODODENDRON INDICUM PLANTS:

Brachyrhinus ovatus (Coleoptera)

BOX CAR:

Oxygryllus ruginasus (Coleoptera)

WITH BROMELIAD AND ORCHID PLANTS:

Phelypera distigma (Coleoptera)

BURLAP BAGGING:

Trogoderma granarium (Coleoptera)

WITH CYPERUS SP. AND LYCOPODIUM SP.

Athesapeuta cyperi (Coleoptera)

FERN:

Zonitoides arboreus (Mollusca)

FLOWER SEED:

Sitona lineata (Coleoptera)

FLOWERS:

Adoretus sinicus (Coleoptera)
Cnephasia vigaureana (Lepidoptera)
Haplothrips gowdeyi (?) (Thysanoptera)

Iridomyrmex humilis (Hymenoptera)
Nysius raphanus (Hemiptera)
Opogona purpuriella (Lepidoptera)
Oxydema fusiforme (Coleoptera)
Pantomorus godmani (Coleoptera)
Phleggyas annulicrus (Hemiptera)
Protopulvinaria pyriformis (Homoptera)
Psylla rhododendri (Homoptera)
Taeniothrips atratus (Thysanoptera)
Taeniothrips dianthi (Thysanoptera)
Thrips flavus (Thysanoptera)
Thrips fuscipennis (Thysanoptera)
Thrips major (Thysanoptera)

FOREST LITTER PACKING:

Brachyrhinus singularis (Coleoptera)

GRAIN—MIXED:

Trogoderma boron (Coleoptera)
Trogoderma granarium (Coleoptera)

GRASS AND WOOD:

Haplothrips gowdeyi (Thysanoptera)

LEAF:

Aleurothrixus floccosus (Homoptera)
Aulacaspis mangiferae (Homoptera)
Exptochiomeria confusa (Hemiptera)
Hypsopygia costalis (Lepidoptera)
Vinsonia stellifera (Homoptera)

LEGUME SEED:

Caryedon fuscus (Coleoptera)
Mimosestes sallaei (Coleoptera)

MAIL PACKAGE:

Cryptotermes brevis (Isoptera)

“MANDADO” BIN:

Trogoderma sternale (Coleoptera)

MILITARY CARGO:

Theba pisana (Mollusca)

PACKING:

Heilipus ocellatus (Coleoptera)
Iridomyrmex iniquus (Hymenoptera)
Metopoplax ditomoides (Hemiptera)

PERSONAL EFFECTS:

Adoretus sinicus (Coleoptera)
Cryptotermes brevis (Isoptera)
Epilachna philippinensis (Coleoptera)
Oxydema fusiforme (Coleoptera)
Oxygryllus ruginasus (Coleoptera)
Reticulitermes virginicus (Isoptera)

PLANTS:

Brachyrhinus ovatus (Coleoptera)
Caulophilus latinasus (Coleoptera)
Cryptophlebia illepidia (Lepidoptera)
Deroceras reticulatum (Mollusca)
Limax marginatus (Mollusca)
Nezara viridula (Hemiptera)
Thrips angusticeps (Thysanoptera)
Udea rubigalis (Lepidoptera)

TREE SEED:

Caryedon fuscus (Coleoptera)

WEED:

Platynota nigrocervina (Lepidoptera)

WOOD:

Coptotermes niger (Isoptera)
Heterobostrychus aequalis (Coleoptera)
Heterobostrychus brunneus (Coleoptera)
Leperisinus fraxini (Coleoptera)
Lyctus africanus (Coleoptera)
Molorchus minor (Coleoptera)
Nasutitermes nigriceps (Isoptera)
Pheidole megacephala (Hymenoptera)
Sinoxylon conigerum (Coleoptera)

WRAPPING:

Listroderes costirostris obliquus (Coleoptera)
Oxydema fusiforme (Coleoptera)
Pantomorus godmani (Coleoptera)
Sitona lineata (Coleoptera)
Trogoderma ornatum (Coleoptera)

Countries of Origin and Insects

ALGERIA:

Ceratitis capitata

ANGLO-EGYPTIAN SUDAN:

Pectinophora gossypiella

ANGUILLA:

*Ancylostomia stercorea**Pheidole megacephala**"Targionia" hartii*

ANTIGUA:

*Ancylostomia stercorea**Monomorium destructor**"Targionia" sacchari*

ARGENTINA:

Anastrepha fraterculus (?)*Nezara viridula**Tetranychus telarius*

AUSTRALIA:

*Callosobruchus phaseoli**Haplothrips gowdeyi**Lepidosaphes tuberculata**Microcephalothrips abdominalis**Oxycarenus bicolor**Plautia fimbriata**Trogoderma granarium**Unaspis citri*

AZORES:

*Apion pomonae**Bruchus luteicornis**Bruchus tristiculus**Caryedon fuscus**Ceratitis capitata**Glycyphagus domesticus**Limax marginatus**Rhagoletis cerasi**"Targionia" bromiliae*

BAHAMAS:

*Ancylostomia stercorea**Callosobruchus maculatus**Coccus viridis**Eucalymnatus tessellatus**Fundella pellucens**Protopulvinaria pyriformis**Pulvinaria psidii**Vinsonia stellifera*

BARBADOS:

*Anastrepha mombinpraeoptans**Frankliniella tritici**Haplothrips gowdeyi**Microcephalothrips abdominalis**Vinsonia stellifera*

BELGIAN CONGO:

Pheidole megacephala

BELGIUM:

*Brachyrhinus ovatus**Evergestis forficalis**Frankliniella tenuicornis**Leperisinus frazzini**Limothrips cerealium**Megastigmus rafni**Periphyllus californiensis**Phytomyza rufipes**Steneotarsonemus laticeps*

BERMUDA:

*Agrotis ypsilon**Bradybaena similis**Diaprepes famelicus* var.*Frankliniella bispinosa**Haplothrips gowdeyi**Homoeosoma electellum**Iridomyrmex humilis**Pheidole megacephala**Prodenia eridania**Pseudococcus boninsis**Taeniothrips gracilis*

BRAZIL:

*Anastrepha fraterculus**Asterolecanium epidendri**Bradybaena similis**Callosobruchus maculatus**Ceratitis capitata**Deroceras reticulatum**Eurytoma orchidearum**Galgupha quadrisignata**Heilipus ocellatus**Hymenia perspectalis**Parlatoria cinerea**Pectinophora gossypiella**Stephanoderes hampei*

BRITISH EAST AFRICA:

Ceratitis capitata

BRITISH GUIANA:

Euscepes postfasciatus

BRITISH HONDURAS:

*Anastrepha striata**Cryphula apicatus**Diorymerellus laevimargo**Heraeus guttatus**Pseudischnaspis alienus**"Targionia" hartii**Valtissius diversus*

BRITISH WEST INDIES:

*Myelois ceratoniae**"Targionia" hartii**Thrips flavus*

BURMA:

Bruchus emarginatus

CANADA:

*Trialeurodes vaporariorum**Tyrophagus infestans*

CANAL ZONE:

*Cephalodonta callosa**Chrysomphalus personatus**Chrysomphalus umboniferus**Furcaspis biformis**Lepidosaphes tokionis**Leucaspis cockerelli**Listroderes costirostris obliquus**Macropygium reticulare**Phelypera distigma**Pinnaspis buxi**Tenthecoris distinguendus**Vinsonia stellifera*

CANARY ISLANDS:

Ceratitis capitata

CAPE VERDE ISLANDS:

*Callosobruchus maculatus**Caryedon fuscus**Ceratitis capitata*

CENTRAL AMERICA:

Coccus viridis

CEYLON:

Stephanoderes hampei

CHILE:

*Chelymorpha varians**Eulia auraria**Frankliniella cestrum**Naupactus xanthographus**Pantomorus godmani**Pseudococcus gahani**Tetranychus telarius*

CHINA:

*Callosobruchus maculatus**Cylas formicarius* ssp.*Pheidole megacephala**Trogoderma granarium**Unaspis yanonensis*

COLOMBIA:

*Adetus mucoreus**Aspidiotus destructor**Cerconota anonella**Deroceras reticulatum**Dysdercus rusticus**Furcaspis biformis**Platypus rugulosus**Protopulvinaria pyriformis**Stenoma catenifer**Unaspis citri*

COSTA RICA:

*Anastrepha mombinpraeoptans**Anastrepha striata**Asterolecanium epidendri**Chrysomphalus umboniferus**Eurytoma orchidearum**Furcaspis biformis**Galgupha punctifer**Limax marginatus**Metamasius sericeus**Pseudischnaspis alienus**Tenthecoris confusus**Toxotrypana curvicauda**Vinsonia stellifera*

Countries of Origin and Insects—Continued

CUBA:

Aleurothrixus floccosus
Anastrepha mombinpraeoptans
Coccus viridis
Crocidosema plebeiana
Cylas formicarius elegantulus
Eucalymnatus tessellatus
Furcaspis biformis
Heterobostrychus aequalis
Kalotermea jouteli
Mormidea pictiventris
Pachyzancla periusalis
Paromius longulus
Pheidole megacephala
Protopulvinaria pyriformis
Reticulitermes virginicus
Ribua innoxia
Unaspis citri
Vinsonia stellifera

CURACAO:

Vinsonia stellifera

DENMARK:

Deroceras reticulatum
Phytomyza rufipes
Taeniothrips atratus
Thrips fuscipennis
Tyrophagus infestans

DOMINICA:

Anastrepha mombinpraeoptans

DOMINICAN REPUBLIC:

Agroiconota propinqua
Coccus viridis
Cylas formicarius elegantulus
Exptochiamera oblonga
Furcaspis biformis
Haplothrips gowdeyi
Pectinophora gossypiella
Sinoxylon conigerum
Tyrophagus infestans
Unaspis citri
Vinsonia stellifera

ECUADOR:

Asterolecanium epidendri
Epilachna paenulata
Frankliniella williamsi
Laspeyresia leguminis
Metamasius sericeus
Stenoma catenifer

EGYPT:

Bruchidius algiricus
Ceratitis capitata
Gnorimoschema ocellatella
Spermophagus cardui
Thrips nigropilosus
Tyrophagus infestans

ENGLAND:

Anuraphis tulipae
Bregmatothrips iridis
Cnephasia longana
Cnephasia vigaureana
Crioceris asparagi
Deroceras reticulatum
Dialeurodes chittendeni
Ernobius mollis
Evergestis forficalis
Glycyphagus domesticus
Laspeyresia nigricana
Laspeyresia splendana
Limothrips cerealium
Limothrips denticornis
Liothrips vaneeckei
Neuroterus numismalis
Phytomyza atricornis
Phytomyza rufipes
Sitona lineata
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips picipes
Thrips flavus
Thrips fuscipennis
Thrips major
Thrips nigropilosus

ENGLAND (?):

Tetranychus telarius

FIJI ISLANDS:

Dacus passiflorae (?)

Leucaspis cockerelli
Perkinsiella vitiensis

FORMOSA:

Oligonychus perditus
Parlatoria zizyphus
Scotinophara lurida
Trogoderma granarium

FRANCE:

Acanthoscelides spinipes
Acrolepia assectella
Bruchus brachialis
Bruchus lentis
Ceratitis capitata
Dactylotrypes uytttenboogaarti
Gnorimoschema ocellatella
Grapholitha molesta
Haplothrips cottei
Laspeyresia splendana
Limothrips cerealium
Parlatoria zizyphus
Polychrosis botrana (?)
Pyrausta nubilalis
Rhagoletis cerasi
Taeniothrips atratus
Tetranychus telarius

FRANCE (?):

Hypera postica

GERMANY:

Bruchidius incarnatus
Bruchus luteicornis
Frankliniella intonsa
Glycyphagus domesticus
Limax marginatus
Limothrips cerealium
Limothrips denticornis
Phytomyza rufipes
Pieris brassicae
Rhagoletis cerasi (?)
Sitona lineata
Taeniothrips atratus
Taeniothrips ericae
Tetranychus telarius
Thrips flavus
Thrips fuscipennis
Thrips major
Tyrophagus infestans

GERMANY (?):

Frankliniella intonsa

GIBRALTAR:

Theba pisana

GRAND CAYMAN:

Heterotermes aureus

GREECE:

Barbara tessulatana
Bruchus tristis
Ceratitis capitata
Curculio elephas
Dacus oleae
Haplothrips cottei
Myelois ceratoniae
Tetranychus telarius

GRENADA:

Euscepes postfasciatus

GUAM:

Aonidiella inornata
Cassida circumdata
Diocalandra taitensis
Epilachna philippinensis
Oxycarenus bicolor

GUATEMALA:

Anastrepha distincta (?)
Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Aspidiotus destructor
Furcaspis biformis
Iridomyrmex iniquus
Metamasius sericeus
Paromius longulus
Puto ulter
Stenoma catenifer
Talponia batesi
Tenthecoris bicolor
Vinsonia stellifera

Countries of Origin and Insects—Continued

HAITI:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Diaprepes abbreviata
Pheidole megacephala
Trogoxylon aequale
Vinsonia stellifera

HAWAII:

Achatina fulica
Adoretus sinicus
Amorbia emigratella
Araecerus vieillardii
Athesapeuta cyperi
Bradybaena similis
Cassida circumdata
Ceratitis capitata
Ceroplastes rubens
Chlorophorus annularis
Clerada apicicornis
Coccus viridis
Cryptophlebia illepida
Cryptotermes brevis
Dacus cucurbitae
Dacus dorsalis
Deroceras reticulatum
Dialeurodes kirkaldyi (?)
Diocalandra taitensis
Ereunetis flavistriata
Euscepes postfasciatus
Frankliniella sulphurea
Haplothrips gowdeyi
Hyalopeplus pellucidus
Iridomyrmex humilis
Kaloterms immigrans
Lamellaxis gracilis
Lampides boeticus
Lepidosaphes tokionis
Listroderes costirostris obliquus
Maruca testulalis
Megacerus alternatus
Mimosestes sallaei
Monomorium destructor
Nysius coenosulus
Nysius terrestris
Opogona purpuriella
Orchidophilus peregrinator
Oxydema fusiforme
Pantomorus godmani
Parlatoria crotonis
Parlatoria pseudaspidiotus
Parthenothrips dracaenae
Pealius hibisci
Pectinophora gossypiella
Pectinophora scutigera
Pentalonia nigronervosa
Perkinsiella saccharicida
Pheidole megacephala
Phenacaspis sandwicensis
Pinnaspis buxi
Plusia chalcites (?)
Pseudococcus palmarum
Pulvinaria psidii
Spodoptera mauritia
Stator limbatus
Stator pruininus
Sternochetus mangiferae
Sybra alternans
Taeniothrips alliorum
Taeniothrips hawaiiensis
Taeniothrips vitticornis
Tarophagus proserpina
Tricentrus albomaculatus
Trogoderma ornatum
Xyleborus semigranosus
Zonitoides arboreus

HONDURAS:

Anastrepha mombinpraeoptans
Chrysomphalus umboniferus
Diorymerellus laevimargo
Metamasius sericeus
Polytus mellerborgii

ICELAND:

Oxychilus allarius
Taeniothrips atratus
Thrips flavus

INDIA:

Bruchophagus mellipes
Callosobruchus maculatus
Caryedon fuscus
Cylas formicarius formicarius
Heterobostrychus aequalis
Lyctus africanus
Odontotermes wallonensis
Trogoderma granarium

INDO-CHINA:

Parlatoria zizyphus

INDONESIA:

Tenuipalpus pacificus

IRAN:

Bruchidius picipes
Bruchophagus glycyrrhizae
Bruchophagus onobrychidis
Bruchus brachialis
Bruchus emarginatus
Bruchus tristis
Bruchus ulicis
Callosobruchus maculatus
Macroplax fasciata
Orsillus depressus

IRELAND:

Limothrips cerealium
Phytomyza rufipes
Thrips fuscipennis
Tyrophagus infestans

ISLAND OF RHODES:

Ceratitis capitata

ISRAEL:

Bruchophagus ononis
Ceratitis capitata
Cryptoblabes gnidiella
Parlatoria zizyphus
Rhagoletis cerasi

ITALY:

"Acanthoscelides" spinipes
Brachycerus albidentatus
Brachycerus algirus
Bruchophagus coluteae
Bruchus ervi
Bruchus lentis
Bruchus signaticornis
Bruchus tristis
Cacoecia pronubana (?)
Callosobruchus maculatus
Ceratitis capitata
Cryptoblabes gnidiella
Curculio elephas
Curculio nucum
Dacus oleae
Dyspessa ulula
Frankliniella intonsa
Frankliniella tenuicornis
Galerucella xanthomelaena
Glycyphagus domesticus
Laspeyresia splendana
Lilioceris lili
Limax flavus
Limothrips denticornis
Milax gagates
Mimosestes sallaei
Myelois ceratoniae
Nemapogon granella
Parlatoria zizyphus
Pectinophora gossypiella
Pyrausta nubilalis
Phytomyza rufipes
Porthetria dispar
Psylliodes chrysocephala
Rhagoletis cerasi
Sesamia cretica
Sinoxylon sexdentatum
Sparteus villosus
Thrips angusticeps
Thrips flavus
Trialetrodes lauri
Tyrophagus infestans

JAMAICA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Asterolecanium epidendri
Callosobruchus maculatus
Furcaspis biformis

Countries of Origin and Insects—Continued

JAMAICA—Continued

Iridomyrmex iniquus
Mimosestes sallaei
Vinsonia stellifera

JAPAN:

Adoretus sinicus
Anomala albopilosa
Anomala cuprea
Anomala orientalis
Anomala pleurimargo
Anomala schoenfeldti
Anomala sulcatula
Anthonomus rectirostris
Brevipalpus inoratus
Bruchidius dorsalis
Callosobruchus maculatus
Carposina sasakii
Ceroplastes rubens
Chilo suppressalis
Chrysomphalus bifasciculatus
Colasposoma metallicus rugiceps
Coptotermes formosanus
Dialeurodes citri
Dichocrocis punctiferalis
Euetheola rugiceps
Frankliniella formosae
Gracilaria azaleella
Grapholitha molesta
Haplothrips aculeatus
Haplothrips gowdeyi
Hypocala deflorata
Hypsopygia costalis
Lampides boeticus
Lepidosaphes conchiformis
Lepidosaphes tuberculata
Liothrips vaneeckei
Listroderes costirostris obliquus
Maruca testulalis
Microcephalothrips abdominalis
Nomophila noctuella
Parlatoria zizyphus
Pinnaspis uniloba
Pseudococcus comstocki
Pseudococcus matsumotoi
Pulvinaris aurantii
Pyrausta nubilalis
Schoenobius incertulas
Sidemia deparvata (?)
Stictoptera signifera
Taeniothrips hawaiiensis
Tetranychus cinnabarinus
Tetranychus telarius
Typocerus zebrata
Unaspis citri
Unaspis yanonensis
Zonitoides arboreus

JAPAN (?):

Arcte caerulea

JOST VAN DYKES:

Anastrepha mombinpraeoptans

KENYA:

Sternochetus mangiferae

KWAJALEIN:

Furcaspis oceanica

KWAJALEIN (?):

Characoma albulalis

LEBANON:

Bruchus lentis
Ceratitis capitata
Curculio elephas
Dacus oleae
Tetranychus cinnabarinus

LIBERIA:

Lyctus africanus

LIBYA:

Bruchus lentis
Ceratitis capitata

MADEIRA ISLANDS:

Apion pomonae
Deroceras reticulatum

MEXICO:

Aleurocanthus woglumi
Alpheias conspirata
Alypiodes geronimo
Amorbia emigratella
Anaphothrips orchidaceus

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Anchastus flavovittatus
Anthonomus ruficollis
Aphanus umbrosus
Apion griseum
Aspidiotus destructor
Aspidiotus herculeanus
Asterolecanium pustulans
Aufeius impressicollis
Blissus leucopterus
Callosobruchus maculatus
Calyptocephala gerstaeckeri
Caulophilus latinasus
Chaetocnema ectypa
Chalcodermus dentiferus
Charidotis seminulum
Chilo loftini
Chrysomphalus odontogloss
Chrysomphalus personatus
Clerada apicicornis
Colaspis suturalis
Conotrachelus aguacatae
Crophius dirupta
Cryphula apicatus
Ctenochira aspersa
Cylas formicarius elegantulus
Deloyala guttata
Deloyala lecontei
Dendrocoris variegatus
Deroceras reticulatum
Diorymerellus laevimargo
Epicaerus fallax
Epinotia aporema
Eucalymnatus tessellatus
Euetheola bidentata
Euschistus comptus
Everes comyntas
Exptochiomera confusa
Exptochiomera formosa
Farinococcus guatemalensis
Ferrisia virgata
Frankliniella occidentalis
Galgupha texana
Gnorimoschema gudmannella
Haplothrips cottei
Heilipus lauri
Heliothis subflexa
Helix aspersa
Homoeosoma electellum
Hyperparachma rhodalis
Ligyrocoris nitidicollis
Limax marginatus
Loxostege similalis
Lygaeus pusio
Metamasius sericeus
Metriona crucipennis
Micrapate mexicana
Monalocorisca granulata
Monanthia monotropidia
Moodna bisinuella
Mormidea pictiventris
Neoleucon rubrotylus
Neuroctenus litigiosus
Nezara viridula
Nysius californicus
Nysius raphanus
Oedionychis atroguttata
Oedionychis pavonina
Ogdoecosta biannularis
Oxygryllus ruginasus
Paragonatas divergens
Parlatoria cinerea
Parlatoria crotonis
Paromius longulus
Pectinophora gossypiella
Phelypera distigma
Philaspis bivulnerata
Phlegyas annulicrus
Physonota attenuata
Physonota citrinella
Physonota picticollis
Plagiodera congesta
Plagiodera semivittata

Countries of Origin and Insects—Continued

MEXICO—Continued

Plagioderma thymaloides
Plagiometriona diversicollis
Platynota nigrocervina
Platynota rostrana
Praeblissus albofasciatus
Prodenia eridania
Prodenia ornithogalli
Pseudischnaspis alienus
Pseudischnaspis longissima
Pseudodiaspis yuccae
Pyroderces stigmatophora
Rejectaria pharusalis
Rhagoletis completa
Rhagoletis pomonella
Scyphophorus acupunctatus
Stenoma catenifer
Stilodes atromaculata
Taeniothrips ericae
Talponia batesi
Tapinaspis wesmaeli
"Targionia" bromiliae
Tenthecoris angustimarginatus
Tenthecoris bicolor
Tenthecoris confusus
Tenuirostritermes cinereus
Tetranychus atlanticus
Tetranychus cinnabarinus
Tetranychus desertorum
Thecla ziba
Trionymus sacchari
Trogoderma boron
Trogoderma ornatum
Trogoderma sternale
Udea rubigalis
Xylobiops sextuberculatus
Zonitoides arboreus

MEXICO (?):

Trogoderma sternale

MIDWAY ISLANDS:

Amorbia emigratella
Haplothrips gowdeyi

MIDWAY ISLANDS (?):

Perkinsiella saccharicida

MONTSERRAT:

Euscapes postfasciatus

MOROCCO:

Anuraphis cardui
Bouhelia maroccana
Myelois ceratoniae
Parlatoria zizyphus
Theba pisana
Thrips angusticeps

MOZAMBIQUE:

Olethreutes leucotreta

NETHERLANDS:

Acrolepia assectella
Brachyrhinus ovatus
Bregmatothrips iridis
Dialeurodes chittendeni (?)
Eriophyes canestrinii
Evergestis forficalis
Frankliniella intonsa
Haplothrips aculeatus
Limothrips cerealium
Mamestra brassicae
Phytomyza rufipes
Sitona lineata
Taeniothrips atratus
Taeniothrips vulgatissimus
Thrips fuscipennis

NETHERLANDS GUIANA:

Pseudaonidia trilobitiformis

NEVIS:

"Targionia" hartii

NEW GUINEA:

Pheidole megacephala

NEW ZEALAND:

Anuraphis tulipae
Austrotortrix postvittana

NICARAGUA:

Anastrepha ludens
Anastrepha mombinpraeoptans
Anastrepha serpentina
Anastrepha striata
Aulacaspis mangiferae

Coptotermes niger

Nasutitermes nigriceps

NIGERIA:

Callosobruchus muculatus

Leucinodes orbonalis

NORTH AFRICA (?):

Olethreutes leucotreta (?)

NORTHERN IRELAND:

Steneotarsonemus laticeps

NORWAY:

Argyresthia conjugella

Phytomyza rufipes

OKINAWA:

Brevipalpus inornatus

Parlatoria zizyphus

PALESTINE:

Ceratitis capitata (?)

PANAMA:

Anastrepha mombinpraeoptans

Anastrepha striata

Ancylostomia stercorea

Cosmopolites sordidus

Furcaspis biformis

Leucaspis cockerelli

Metamasius sericeus

Mecolaemus carvalhoi (?)

Pinnaspis buxi

Stenoma catenifer

Vinsonia stellifera

PERU:

Anastrepha serpentina

Deroceras reticulatum (?)

Pantomorus godmani

Tyrophagus infestans

PHILIPPINES:

Aonidiella inornata

Cosmopsaltria fuliginosa

Cylas formicarius ssp.

Dacus dorsalis

Monomorium destructor

Nephotettix apicalis

Pachybrachius neitneri

Parlatoria zizyphus

Pseudococcus halli (tentative)

Pseudococcus saipanensis

Unaspis yanonensis

PHILIPPINES (?):

Coptotermes formosanus

PORTUGAL:

Bruchus luteicornis

Ceratitis capitata

Dacus oleae

Glycyphagus domesticus

Haplothrips cotei

Laspeyresia splendana

Limax marginatus

Limothrips cerealium

Parlatoria camelliae

Rhagoletis cerasi

Taeniothrips dianthi

Theba pisana

PUERTO RICO:

Anastrepha mombinpraeoptans

Cylas formicarius elegantulus

Furcaspis biformis

Maruca testulalis

Platynota rostrana

"Targionia" sacchari

ST. CROIX:

Pectinophora gossypiella

ST. KITTS:

Haplothrips gowdeyi

Microcephalothrips abdominalis

Selenothrips rubrocinctus

"Targionia" hartii

ST. LUCIA:

Vinsonia stellifera

ST. MARTIN:

Pseudaonidia trilobitiformis

SALVADOR:

Anastrepha mombinpraeoptans

Anastrepha serpentina

Anastrepha striata

Aulacaspis mangiferae

Stenoma catenifer

Countries of Origin and Insects—Continued

SCOTLAND:

Brachyrhinus singularis
Frankliniella intonsa
Limothrips cerealium
Livia juncorum
Megastigmus pinuspinus
Micrelus ericae
Oxychilus allarius
Platythrips tunicatus
Taeniothrips atratus
Taeniothrips ericae
Taeniothrips vulgatissimus
Thrips flavus
Thrips fuscipennis
Thrips major

SOUTH AMERICA:

Ceratitis capitata (?)
Frankliniella schultzei

SPAIN:

Acrolepia assectella
Brachycerus algerus
Brevipalpus oudemansi
Ceratitis capitata
Curculio elephas
Frankliniella tenuicornis
Gnorimoschema ocellatella
Gortyna flavago
Laspeyresia splendana
Metopoplax ditomoides
Parlatoria zizyphus
Sitona lineata
Theba pisana

SPAIN (?):

Cryptoblabes gnidiella

STRAITS SETTLEMENTS:

Tyrophagus infestans
Vinsonia stellifera

SWEDEN:

Argyresthia conjugella
Dryocoetes autographus
Ernobius mollis
Frankliniella intonsa
Hylurgops palliatus
Limothrips denticornis
Taeniothrips atratus
Taeniothrips vulgatissimus

SWITZERLAND:

Frankliniella intonsa
Grapholitha molesta
Laspeyresia splendana
Limothrips cerealium
Molorchus minor
Psylla rhododendri
Rhagoletis cerasi
Taeniothrips ericae
Taeniothrips picipes
Thrips flavus

THAILAND:

Cylas formicarius ssp.
Cylas formicarius formicarius
Gnaphalocrocis medinalis
Parlatoria zizyphus

TORTOLA:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Aspidiotus destructor
Coccus viridis
Cylas formicarius elegantulus
Frankliniella williamsi

Haplothrips gowdeyi

Nezara viridula

Peregrinus maidis

"*Targionia*" *hartii*

TRINIDAD:

Anastrepha mombinpraeoptans
Aspidiotus destructor
Asterolecanium epidendri
Microcephalothrips abdominalis
Monomorium destructor
Protopulvinaria pyriformis
Pseudaonidia trilobitiformis
Vinsonia stellifera

TURKEY:

Bruchidius gilvus

UNION OF SOUTH AFRICA:

Aplocnemus aerosus
Bruchus lentis
Callosobruchus analis
Ceratitis capitata
Epichorista ionephala
Frankliniella schultzei
Glycyphagus domesticus
Haplothrips gowdeyi
Heterobostrychus brunneus
Ischnodemus diplopterus
Leptidiella brevipennis
Lyctus africanus
Nezara viridula
Olethreutes leucotreta
Phlyctinus callosus

UNKNOWN:

Adoretus sinicus
Anastrepha serpentina
Aphthona nanyoensis
Bruchus lentis
Cassida circumdata
Ceratitis capitata
Chrysobothris adelpha
Dacus cucurbitae
Parlatoria zizyphus
Peridroma margaritosa
Petrochroa dimorpha
Rhagoletis cerasi
Sybra alternans
Taeniothrips atratus
Taeniothrips dianthi
Taeniothrips ericae
Tetranychus telarius
Trogoderma boron

VENEZUELA:

Anastrepha fraterculus
Aulacaspis mangiferae
Bephrata maculicollis
Chrysomphalus umboniferus
Eurytoma orchidearum
Lygaeus guatemalanus
Mormidea pictiventris
Selenothrips rubrocinctus
Stenoma catenifer

WALES:

Neuroterus quercus-baccarum

WEST PACIFIC:

Nephotettix apicalis

WEST PACIFIC (?):

Dacus dorsalis

YUGOSLAVIA:

Frankliniella intonsa
Leucaspis pusilla
Systole geniculata

Pests collected and reported from July 1, 1955, through June 30, 1956

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Alternaria citri</i> Ell. & Pierce: <i>Citrus sinensis</i> (orange).....	Italy (?).....	1			Pa.
<i>Alternaria dianthi</i> F. L. Stevens & J. G. Hall: <i>Dianthus</i> sp. (carnation).....	Israel, Japan, Spain.....	2	1		Hawaii, Mass., N. Y.
<i>Anthostomella keissleri</i> Cash & Watson: <i>Epidendrum</i> sp. (orchid).....	Cuba.....			1	Fla.
Orchid.....	Mexico.....			1	Tex.
<i>Asperisporium caricae</i> (Speg.) Maubl.: <i>Carica papaya</i> (papaya).....	Cuba.....		1		Mass.
† <i>Asterosporium hoffmanni</i> Kunze: <i>Fagus</i> sp. (beech).....	Austria.....			1	N. J.
<i>Botryosphaeria ribis</i> Gross. & Dug.: <i>Persea americana</i> (avocado).....	Mexico.....	1			Tex.
† <i>Cercospora canescens</i> Ell. & G. Martin: <i>Phaseolus lunatus macrocarpus</i> (lima bean).....	St. Kitts.....	1			St. Thomas and St. John.
† <i>Cercospora citrullina</i> Cke.: <i>Cucumis melo cantalupensis</i> (cantaloupe).....	Venezuela.....		1		St. Thomas and St. John.
<i>Cercospora coffeicola</i> Berk. & Cke.: <i>Coffea</i> sp. (coffee).....	Brazil, Mexico.....	1		1	La., Tex.
† <i>Cercospora cypripedii</i> Ell. & Dearn.: Orchid.....	Mexico.....			1	Tex.
<i>Stanhopea</i> sp. (orchid).....	do.....			1	Tex.
<i>Cercospora gossypina</i> Cke.: <i>Gossypium</i> sp. (cotton).....	do.....	1			Tex.
<i>Cercospora musae</i> Zimm.: <i>Musa paradisica sapientum</i> (banana).....	Mexico.....	1			Calif.*
<i>Musa</i> sp.....	Puerto Rico.....	1			Ill.
<i>Cercospora neriella</i> Sacc.: <i>Nerium oleander</i> (oleander).....	Bermuda.....			2	N. Y.
† <i>Cercospora primulae</i> Fautr.: <i>Primula</i> sp. (primrose).....	Canada.....			1	Wash.
<i>Cercospora purpurea</i> Cke.: <i>Persea americana</i> (avocado).....	Mexico.....	1			Calif.
<i>Cerebella andropogonis</i> Ces.: <i>Panicum swynnertonii</i>	Kenya.....			1	D. C.
<i>Panicum</i> sp.....	Rhodesia.....			1	D. C.
<i>Paspalum</i> sp.....	Australia.....			1	S. C.
<i>Chrysomyxa ledi</i> d By. var. <i>rhododendri</i> (d By.) Savile: <i>Loiseleuria procumbens</i> (alpine azalea).....	Switzerland.....			1	Mass.
<i>Rhododendron fauriei</i>	Japan.....			1	D. C.
<i>Rhododendron ferrugineum</i>	Switzerland.....	8		2	Calif.*, N. J., N. Y., Oreg.
<i>Rhododendron hirsutum</i>	do.....	2			N. J.
<i>Rhododendron</i> sp.....	do.....	1			Mich.
<i>Cladosporium oryzae</i> Sacc. & Syd.: <i>Oryza sativa</i> (rice).....	Japan.....	1			Calif.*
<i>Colletotrichum arecae</i> Syd.: <i>Areca cathecu</i> (betel palm).....	Guam.....	3			Hawaii, Tex.
† <i>Colletotrichum cliviae</i> (Oud.) Petrak: <i>Clivia</i> sp.....	Belgium.....			1	N. J.
<i>Colletotrichum dieffenbachiae</i> Verpl. & Van den Broecke: <i>Dieffenbachia</i> sp.....	Mexico.....			1	Tex.
† <i>Colletotrichum dracaenae</i> Allesch.: <i>Dracaena sanderiana</i>	Trinidad.....			1	P. R.
† <i>Colletotrichum graminicola</i> (Ces.) G. W. Wils.: <i>Triticum aestivum</i> (wheat).....	Brazil.....		1		P. R.
<i>Colletotrichum trichellum</i> Duke: <i>Hedera helix</i> (English ivy).....	Germany.....			1	N. Y.
† <i>Colletotrichum zingiberis</i> Butler & Bisby: <i>Zingiber officinale</i> (ginger).....	China.....	1			Calif.*
<i>Coniothyrium cytisellum</i> (Pass. & Thuem.) Sacc.: <i>Laburnum watereri</i>	Netherlands.....			7	N. J.
<i>Coniothyrium pirinum</i> (Sacc.) Sheldon: <i>Malus sylvestris</i> (apple).....	Mexico, †New Zealand.....	2			N. Y., Tex.

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Cumminsella sanguinea</i> (Pk.) Arth.:					
<i>Mahonia aquifolium moseri</i>	Netherlands.....			1	N. J.
<i>Mahonia aquifolium vicari</i>	do.....			1	N. J.
<i>Curvularia lunata</i> (Wakk.) Boed.:					
<i>Ananas comosus</i> (pineapple).....	Mexico.....	1			Tex.
<i>Cucumis sativus</i> (cucumber).....	do.....	1			Tex.
<i>Eurycles sylvestris</i>	Philippines.....			1	Calif.*
<i>Cylindrocarpon mali</i> (Allesch.) Wr.:					
<i>Malus sylvestris</i> (apple).....	Netherlands, New Zealand.....		2		Pa.
† <i>Daphne mosaic virus</i> :					
<i>Daphne</i> spp.....	England.....			1	N. J.
<i>Dendryphium obstipum</i> F. Pollack:					
<i>Colocasia esculenta</i> (dasheen).....	China.....	1			Calif.*
† <i>Diaporthe citri</i> (Fawc.) Wolf:					
<i>Citrus paradisi</i> (grapefruit).....	Ecuador.....		1		Tex.
<i>Diaporthe eres</i> Nits.:					
<i>Wisteria sinensis alba</i> (white Chinese wisteria).....	Netherlands.....			1	N. J.
† <i>Didymosphaeria opulenta</i> (de N.) Sacc.:					
<i>Pachycereus marginatus</i> (organpipe cactus).....	Mexico.....			1	Ariz.
† <i>Diplodia circinans</i> Ell. & Ev.:					
<i>Yucca elephantipes</i> (bulbstem yucca).....	do.....			1	Ariz.
<i>Diplodina eurhododendri</i> Voss:					
<i>Rhododendron laetevirens</i>	Netherlands.....			1	N. J.
<i>Rhododendron</i> sp.....	do.....			1	N. J.
<i>Discosia artocreas</i> Fr.:					
<i>Paeonia suffruticosa</i> (tree peony).....	Japan.....			3	Calif.*
<i>Elsinoe australis</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime).....	Brazil.....		1		Mass.
<i>Citrus limon</i> (lemon).....	Argentina, Brazil.....		15		Calif.*, La., Md., Mass., N. Y., Pa., Tex.
<i>Citrus paradisi</i> (grapefruit).....	Brazil.....		2		N. Y., Pa.
<i>Citrus reticulata</i> (Mandarin orange).....	Argentina, Brazil.....	1	1		La., N. Y.
<i>Citrus sinensis</i> (orange).....	Argentina, Brazil, unknown.....	2	52		Ala., Calif.*, La., Md., Mass., N. Y., Pa., P. R., St. Thomas and St. John, Tex.
<i>Elsinoe fawcetti</i> Bitanc. & Jenkins:					
<i>Citrus aurantifolia</i> (sour lime).....	Philippines.....	1			Wash.
<i>Elsinoe mangiferae</i> Bitanc. & Jenkins:					
<i>Mangifera indica</i> (mango).....	Mexico.....	2			Tex.
<i>Entyloma oryzae</i> Syd. & P. Syd.:					
<i>Oryza sativa</i> (rice).....	India.....	1			Ill.
† <i>Erysiphe polygoni</i> DC.:					
<i>Pisum</i> sp.....	Peru.....		1		Calif.*
<i>Eudarlucula australis</i> Speg.:					
<i>Chrysanthemum</i> sp.....	Japan.....	1			Hawaii.
† <i>Fusarium oxysporum</i> Schlecht. f. <i>nicotianae</i> (J. Johnson) Snyd. & Hanson:					
<i>Nicotiana tabacum</i> (tobacco).....	Dominican Republic.....			1	P. R.
<i>Fusicladium pirinum</i> (Lib.) Fckl.:					
<i>Pyrus communis</i> (pear).....	France.....		1		St. Thomas and St. John.
<i>Pyrus</i> sp.....	Australia.....	1			Hawaii.
<i>Gloeosporium elasticum</i> (Thuem.) Cke. & Mass.:					
<i>Ficus elastica</i> (India rubber tree).....	Mexico.....			1	Tex.
† <i>Gloeosporium limetticolum</i> Clausen:					
<i>Citrus aurantifolia</i> (sour lime).....	Ecuador.....		1		Wash.
† <i>Gloeosporium mangiferae</i> Del.:					
<i>Mangifera indica</i> (mango).....	Philippines.....	1			Hawaii.
<i>Gloeosporium olivarum</i> Alm.:					
<i>Olea europaea</i> (olive).....	Italy.....	1			N. Y.
† <i>Guignardia traversi</i> Cav.:					
<i>Stanhopea</i> sp. (orchid).....	Canal Zone.....			1	Hawaii.
<i>Gymnosporangium clavipes</i> Cke. & Pk.:					
<i>Crataegus oxyacantha</i> (English hawthorn).....	Netherlands.....			1	N. J.

See footnotes at end of table.

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Gymnosporangium harae</i> Syd.: <i>Juniperus chinensis</i> (Chinese juniper)	Japan			1	Hawaii.
<i>Gymnosporangium juniperi</i> Lk. (?): <i>Sorbus aucuparia</i> (European mountain-ash)	Sweden			1	N. J.
† <i>Helicotylenchus nannus</i> Steiner: Cactus plant	Italy			1	N. Y.
<i>Oreocereus trollii</i> (cactus)	Canada			1	N. J.
<i>Portulaca grandiflora</i> (portulaca)	Mexico			1	Tex.
Soil	Bermuda		1		Fla.*
† <i>Hendersonia coffeae</i> Del.: <i>Coffea</i> sp. (coffee)	Mexico	1			Calif.*
<i>Hendersonia epidendri</i> Keissl.: <i>Epidendrum nervosum</i> (orchid)	do			1	Fla.
Orchid	Guatemala			1	Tex.
† <i>Hendersonia importata</i> Allesch.: <i>Oncidium</i> sp. (orchid)	Mexico			1	Tex.
† <i>Hendersonia yuccae</i> Kickx: <i>Yucca</i> sp	do			1	Ariz.
<i>Heterodera avenae</i> Eidam: Soil	England	2			Ala.
Soil with artichoke roots	Italy	1			N. Y.
Soil with automobiles	Denmark, England, Germany.	10			N. Y.
Soil with bagging	Belgium	1			Mass.
Soil with bay tree	Italy			1	N. Y.
Soil with dried seed beans	†Brazil			1	N. Y.
Soil with fig tree	Italy			1	N. Y.
Soil with fig and olive trees	do			1	N. Y.
Soil with fuchsia plant	†Austria			1	N. Y.
Soil with garlic	Italy	3			N. Y.
Soil with ivy plants	Germany			2	N. Y.
Soil with oleander plant	Austria			1	N. Y.
Soil with onions	Italy	1			N. Y.
Soil with unknown plant	Germany			1	N. Y.
Soil with portulaca plant	Italy			1	N. Y.
Soil with rose plant	Greece			1	N. Y.
Soil with snails	Tunisia	1			N. Y.
Soil with strawberry roots	Germany			1	N. J.
Soil with tuberosc bulb	Israel			1	N. Y.
Soil with tulip bulb	Spain			1	N. Y.
<i>Heterodera cacti</i> Filip. & Schurr. Stek.: Soil	Mexico	2			Tex.
Soil with anthurium roots	do			1	Tex.
Soil with begonia plants	do	1			Tex.
Soil with bougainvillea cuttings	do	1			Tex.
Soil with cacti plants	Algeria, Canada, England, Germany, Italy, Japan, Mexico.	4		32	Ariz., N. J., Tex.
Soil with cacti and succulent roots	England			1	N. J.
Soil with <i>Echeveria</i> sp. (?)	Mexico	1			Tex.
Soil with geranium plants	do			1	Tex.
Soil with <i>Gymnocalycium</i> sp. roots	Canada			2	N. J.
Soil with <i>Mammillaria elegans</i> var. roots	Canada (?)			1	N. J.
Soil with <i>Mammillaria</i> spp. roots	Argentina			1	Calif.*
Soil with mint plants	Mexico			1	Ariz.
Soil with <i>Opuntia microdasys</i> roots	Canada			1	N. J.
Soil with unknown plants	Mexico	4		7	Ariz., Tex.
Soil with potatoes	do		2		Tex.
Soil with resurrection and cacti plants	do	1			Tex.
Soil sweepings from box car	do		1		Tex.
† <i>Heterodera cruciferae</i> Franklin (?): Soil with lily bulbs	Japan			1	N. Y.
† <i>Heterodera fici</i> Kirjanova: Soil with fig roots	Italy	2		2	N. J., N. Y.
Soil with fig and carnation plants	do			1	Ill.
Soil with fig and grape cuttings	Portugal			1	N. Y.
Soil with India rubber tree roots	Germany			1	N. Y.

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Heterodera fici</i> Kirjanova (?): Soil with tree roots—probably <i>Citrus</i> sp.	Argentina			1	Fla.
<i>Heterodera humuli</i> Filip.: Soil with hop roots	Switzerland			2	N. J.
<i>Heterodera punctata</i> Thorne: Soil	Ireland	1			Mass.
Soil ballast	Iceland		1		N. Y.
Soil with automobiles	England, Germany, Ireland	9			N. Y., Pa.
Soil with cyclamen plant	England			1	N. Y.
Soil with dahlia tubers	Italy			1	N. Y.
Soil with fern and philodendron plants	Mexico			1	Ariz.
Soil on flat car	do		1		Tex.
Soil with <i>Galanthus</i> sp. bulbs	Germany			1	N. J.
Soil with geranium plants	Netherlands			1	N. Y.
Soil with gladiolus corms	Ireland			1	N. Y.
Soil with horseradish	Germany	1			N. Y.
Soil with ivy plants	do			1	N. Y.
Soil with myrtle plant	do			1	N. Y.
Soil with narcissus bulbs	do			1	N. Y.
Soil with unidentified plants	Austria, Germany, Mexico, Sweden, Switzerland.			6	N. Y., Pa., Tex.
Soil with primrose plant	England			1	N. Y.
Soil with shamrock plant	Ireland	1			D. C.
<i>Heterodera rostochiensis</i> Wr.: Soil with acacia tree	Mexico			1	Tex.
Soil with anthurium cuttings	do			2	Tex.
Soil with automobiles	England, Ireland	2			N. Y.
Soil with beech cuttings and potato tubers	England			1	N. J.
Soil with carnation, geranium, begonia, and clover plants	Germany			1	N. Y.
Soil with celery	England		1		Wash.
Soil with echeveria (?)	Mexico	1			Tex.
Soil with garlic	Argentina, Peru	4			N. Y.
Soil with geranium plants	Unknown			1	N. Y.
Soil with heather plants	Scotland			1	N. Y.
Soil with lily-of-the-valley pips	England, Germany			2	Calif.*, N. J.
Soil with maidenhair fern	England			1	N. Y.
Soil with narcissus bulbs	do			1	Md.
Soil with pine seedlings	Germany			1	N. Y.
Soil with an unknown plant	Mexico			1	Tex.
Soil with potatoes	Argentina, England, Peru		4		La., Md., N. Y., Tex.
‡ <i>Lembosia cactorum</i> Tracy & Earle (?): Cactus	Mexico			1	Ariz.
“Leprosis”: <i>Citrus limon</i> (lemon)	do		1		Calif.*
<i>Citrus paradisi</i> (grapefruit)	do	2			Tex.
<i>Citrus reticulata</i> (Mandarin orange)	do	1			Tex.
<i>Citrus sinensis</i> (orange)	do	2			Ariz., Calif.*
‡ <i>Leptosphaeria niessleana</i> Rabh (?): Orchid	do			1	Ariz.
<i>Leptosphaeria rusci</i> Sacc.: <i>Ruscus</i> sp. (butchersbroom)	Italy	4			Pa.
<i>Lophodermium pinastri</i> (Fr.) Chev.: <i>Pinus</i> sp. (pine)	Scotland	1			Hawaii.
<i>Lophodermium pinastri</i> (Fr.) Chev. (?): <i>Pinus</i> sp. (pine)	Mexico	1			Tex.
‡ <i>Macrophoma araucariae</i> De Lac.: <i>Araucaria excelsa</i> (Norfolk-Island-pine)	Spain			1	Calif.*
<i>Macrophoma musae</i> (Cke.) Berl. & Vogl.: <i>Musa paradisiaca sapientum</i> (banana)	Mexico	1			Calif.*
<i>Musa</i> sp.	Japan		1		Hawaii.
‡ <i>Marssonina fragariae</i> (Sacc.) Kleb.: <i>Fragaria</i> sp. (strawberry)	Germany			1	Mich.
‡ <i>Marssonina rosae</i> (Lib.) Lind.: <i>Rosa</i> sp.	Mexico			1	Tex.
‡ <i>Melampsoridium betulinum</i> (Pers.) Kleb.: <i>Betula pendula youngi</i>	Canada			1	Wash.

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consump- tion	Non-entry	Propaga- tion	
<i>Melanospora zamiae</i> Cda.:					
<i>Nicotiana tabacum</i> (tobacco).....	Dominican Republic.....			1	P. R.
<i>Zingiber officinale</i> (ginger).....	China.....	2	1		Calif.*
† <i>Meliolina haplochaeta</i> Syd.:					
<i>Metrosideros vilosa</i>	Hawaii.....	1			Hawaii.
<i>Meloidogyne arenaria</i> (Neal) Chitwood:					
<i>Alocasia</i> sp.....	Mexico.....			1	Tex.
<i>Alstonia constricta</i>	†Australia.....			1	Calif.*
Cacti.....	†Canada.....			1	N. J.
<i>Caladium candidum</i>	†Guatemala.....			1	N. J.
<i>Mammillaria wildii cristata</i> (cactus).....	Canada.....			1	N. J.
<i>Oreocereus trollii</i> (cactus).....	do.....			1	N. J.
<i>Philodendron</i> sp.....	†Hawaii.....			1	Hawaii.
<i>Meloidogyne hapla</i> Chitwood:					
<i>Amorphophallus</i> sp.....	Netherlands.....			1	N. J.
<i>Begonia</i> sp.....	†Brazil, Mexico.....			3	N. Y., Tex.
<i>Kohleria picta</i>	Netherlands.....			1	N. J.
† <i>Meloidogyne hapla</i> Chitwood (?):					
<i>Beta vulgaris</i> (beet).....	Israel.....		1		Pa.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood:					
<i>Astrophytum ornatum</i> (cactus).....	†Canada.....			1	N. J.
<i>Begonia</i> sp.....	†Trinidad.....			1	N. Y.
<i>Celosia argentes</i> (feather cockscomb).....	Mexico.....			1	Tex.
<i>Daucus carota</i> (carrot).....	do.....	1			Tex.
<i>Polianthes tuberosa</i> (tuberose).....	Italy.....			3	N. Y.
<i>Rhododendron</i> sp.....	Mexico.....			1	Tex.
<i>Meloidogyne incognita</i> (Kofoid & White) Chitwood <i>acrita</i> Chitwood:					
<i>Alocasia</i> sp.....	do.....			1	Tex.
<i>Begonia</i> sp.....	do.....			1	Tex.
<i>Beta vulgaris</i> (beet).....	†Brazil, †Egypt, †Mexico.....	1	2		Pa., Tex.
<i>Daucus carota</i> (carrot).....	Mexico.....	1			Tex.
<i>Mammillaria wildii cristata</i> (cactus).....	†Canada.....			1	N. J.
<i>Oreocereus trollii</i> (cactus).....	do.....			1	N. J.
<i>Ornithogalum arabicum</i>	Union of South Africa.....			1	N. Y.
<i>Polianthes</i> sp.....	†Syria.....			1	N. J.
Soil with fig roots.....	†Italy.....			1	N. Y.
Solanaceae (?).....	†China.....			1	Wash.
<i>Solanum tuberosum</i> (potato).....	Brazil, †Chile, †Cuba, Mexico.....	1	5		N. Y., Pa.
<i>Washingtonia</i> sp. (palm).....	Mexico.....			1	Tex.
<i>Meloidogyne javanica</i> (Treub.) Chitwood:					
<i>Asparagus myriocladus</i>	Japan.....			2	Calif.*, Wash.
<i>Colocasia esculenta</i> (dasheen).....	†Greece.....	1			N. Y.
<i>Echinocactus grandis</i> (cactus).....	†Mexico.....			1	Tex.
<i>Mammillaria schiedeana</i> (cactus).....	†Canada.....			1	N. J.
<i>Polianthes tuberosa</i> (tuberose).....	†Italy.....			5	N. Y.
<i>Polianthes</i> sp.....	do.....			1	N. J.
<i>Zantedeschia aethiopica</i> (calla lily).....	France, Italy.....			4	N. J.
<i>Zantedeschia</i> sp.....	†Union of South Africa.....			1	N. J.
<i>Monilinia fructigena</i> (Aderh. & Ruhl.) Honey:					
<i>Prunus domestica</i> (plum).....	France.....	1			Pa.
<i>Prunus</i> sp. (cherry).....	Germany.....	3			Pa.
† <i>Mycosphaerella alyxiae</i> Petrak:					
<i>Alyxia olivaeformis</i>	Hawaii.....	1			Hawaii.
† <i>Mycosphaerella anthurii</i> Miles:					
<i>Anthurium</i> sp.....	Mexico.....			1	Tex.
<i>Mycosphaerella cattleyae</i> Cash & Watson:					
<i>Cattleya skinneri</i> (orchid).....	do.....			1	Tex.
<i>Epidendrum radicans</i> (orchid).....	Costa Rica.....			1	Fla.
<i>Epidendrum</i> sp.....	Mexico.....			1	Tex.
<i>Laelia anceps</i> (orchid).....	do.....			2	Tex.
Orchid.....	Mexico, Salvador.....			3	Tex.
<i>Sobralia</i> sp. (orchid).....	Mexico.....			2	Tex.
<i>Mycosphaerella clintoniana</i> House:					
<i>Rhododendron</i> sp.....	Netherlands.....			1	N. J.
<i>Mycosphaerella coffeicola</i> (Cke.) Stevenson & Wellman:					
<i>Coffea</i> sp. (coffee).....	Mexico.....	1			Tex.

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Mycosphaerella fragariae</i> (Tul.) Lindau: <i>Fragaria</i> sp. (strawberry)	Germany			1	Pa.
<i>Mycosphaerella hondai</i> Miyake: <i>Oryza sativa</i> (rice)	Japan	1			Calif.*
<i>Mycosphaerella palmarum</i> Miles: <i>Chamaedorea</i> sp. (palm)	Mexico	1			Tex.
<i>Mycosphaerella schenckii</i> (Rab.) Schroet.: <i>Allium fistulosum</i> (Welsh onion)	Japan		17		Pa.
<i>Myriangium duriae</i> Mont. & Berk.: <i>Citrus sinensis</i> (orange)	Mexico	1			Tex.
<i>Myrothecium roridum</i> Fr.: <i>Ferocactus</i> sp. (barrel cactus)	do			1	Ariz.
<i>Omphalia flavida</i> (Cke.) Maubl. & Rangel: <i>Gardenia augusta</i> (gardenia)	do			1	Tex.
<i>Gardenia</i> sp.	Japan, Mexico	1		1	Calif.*
<i>Oospora pustulans</i> Owen & Wakef.: <i>Solanum tuberosum</i> (potato)	England		1		N. Y.
† <i>Ophiostoma orchidearum</i> Cash & Watson: <i>Epidendrum</i> sp. (orchid)	Cuba			1	Fla.
<i>Ophiostoma narcissi</i> Limber: <i>Narcissus</i> sp.	Ireland			1	Calif.*
<i>Papulaspora parasitica</i> (Eidam) Harz.: <i>Gladiolus</i> sp.	Japan			1	Calif.*
<i>Lilium auratum</i> (goldband lily)	do			1	Calif.*
<i>Paranthostomella micropora</i> Cash & Watson: <i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Pestalotia conspicua</i> Servazzi: <i>Dendrobium johnsoniae</i> (orchid)	Australia			1	Hawaii.
<i>Dendrobium</i> sp.	†Indonesia			1	Hawaii.
<i>Epidendrum schumannianum</i> (orchid)	Canal Zone			1	Hawaii.
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
<i>Laelia</i> sp.	do			1	Tex.
<i>Odontoglossum</i> sp. (orchid)	Brazil			1	Wash.
<i>Stanhopea tigrina</i> (orchid)	Mexico			1	Tex.
<i>Stanhopea</i> sp.	do			1	Tex.
† <i>Pestalotia psidii</i> Pat.: <i>Psidium guajava</i> (guava)	do	5			Ariz., Tex.
<i>Phleospora pistaciae</i> Petr.: <i>Pistacia</i> sp. (pistache)	Lebanon	2			Mass., N. Y.
<i>Phoma acicola</i> (Lev.) Sacc.: <i>Pinus</i> sp. (2-leaved pine)	Yugoslavia	1			Mass.
<i>Phoma citricarpa</i> McAlp.: <i>Citrus grandis</i>	Union of South Africa		1		Mass.
<i>Citrus limon</i> (lemon)	Australia, †Portugal, unknown.	1	2		Hawaii, N. Y., Tex.
<i>Citrus paradisi</i> (grapefruit)	†British East Africa, †Egypt, †Pakistan, Union of South Africa.	1	5		Hawaii, Mass., N. Y., Pa.
<i>Citrus reticulata</i> (Mandarin orange)	China, Formosa, †Indo-China, Japan, Philippines, Union of South Africa.	44	7		Calif.*, Hawaii, Mass., Pa., Wash.
<i>Citrus sinensis</i> (orange)	Australia, Brazil, China, Fiji Islands, Japan, Philippines, Union of South Africa.	33	23		Calif.*, Hawaii, Md., Mass., N. Y., Pa., Tex.
<i>Citrus</i> sp.	China, Hawaii, Philippines, unknown.	11			Hawaii, Ill., Mass., Oreg.
<i>Phoma limonii</i> Thuem. (?): <i>Citrus aurantifolia</i> (sweet lime)	Mexico	1			Tex.
<i>Phomopsis capsici</i> (Magn.) Sacc.: <i>Capsicum frutescens</i> (pepper)	Puerto Rico	1			P. R.
† <i>Phomopsis occulta</i> Trav. var. <i>ginkgoina</i> Grove: <i>Ginkgo biloba</i> (ginko)	Japan			1	Calif.*
<i>Phomopsis orchidophila</i> Cash & Watson: <i>Coelogyne barbata</i> (orchid)	India			1	Calif.*
<i>Epidendrum</i> sp. (orchid)	Canal Zone			1	Hawaii.
Orchid	†Trinidad	1			P. R.
<i>Phomopsis palmicola</i> (Wint.) Sacc.: <i>Trachycarpus fortunei</i> (palm)	†Japan		1		Pa.

See footnotes at end of table

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
‡ <i>Phomopsis semiimmersa</i> (Sacc.) Trav.: <i>Crataegus oxyacantha</i> Pauls Scarlet	Netherlands			1	N. J.
‡ <i>Phomopsis sidae</i> Trav. (?): <i>Sida retusa</i>	India			1	N. J.
<i>Phragmidium disciflorum</i> (Tode) James: <i>Rosa</i> sp.	Italy			2	Mass.
† <i>Phyllachora engleri</i> Speg.: <i>Anthurium</i> sp.	Colombia			1	Fla.
† <i>Phyllachora graminis</i> (Fr.) Fckl.: Grass—unidentified	Portugal		1		Mass.
† <i>Phyllachora maydis</i> Maubl.: <i>Zea mays</i> (corn)	Mexico	1			Calif.*
† <i>Phyllosticta laeliae</i> Keissl.: Orchid	British Guiana			1	Fla.
<i>Phyllosticta nerii</i> West.: <i>Nerium oleander</i> (oleander)	Bermuda			1	N. Y.
<i>Phyllosticta ruscicola</i> Dur. & Mont.: <i>Ruscus</i> sp.	Italy	3			Pa.
<i>Phyllostictina mangiferae</i> Batista & Vital: <i>Mangifera indica</i> (mango)	Mexico	2			Ariz., Tex.
<i>Phyllostictina pyriformis</i> Cash & Watson: <i>Dendrobium musciferum</i> (orchid)	Australia			1	Hawaii.
<i>Dendrobium phalaenopsis</i>	do			1	Calif.*
<i>Dendrobium schuetzei</i>	Philippines			1	Hawaii.
<i>Dendrobium</i> sp.	Australia, Hawaii			2	Hawaii.
<i>Epidendrum fragrans</i> (orchid)	Jamaica			1	Hawaii.
<i>Epidendrum</i> sp.	Mexico			2	Tex.
<i>Jacquinella</i> sp. (orchid)	Canal Zone			1	Hawaii.
<i>Laelia anceps</i> (orchid)	Mexico			1	Tex.
Orchid	Canal Zone, †Honduras, Mexico.			3	P. R., Tex.
<i>Vanda</i> sp. (orchid)	†Straits Settlements			1	Hawaii.
<i>Physalospora wildemanniana</i> Sacc.: <i>Epidendrum</i> sp. (orchid)	Mexico			1	Tex.
<i>Physopella fici</i> (Cast.) Arth.: <i>Ficus carica</i> (fig)	do			1	Tex.
† <i>Phytophthora citrophthora</i> (R. E. & E. H. Sm.) Leonian: <i>Citrus grandis</i> (pummelo)	Cuba	1			N. Y.
† <i>Phytophthora palmivora</i> Butl.: <i>Theobroma cacao</i> (cacao bean)	St. Lucia		1		P. R.
‡ <i>Pratylenchus brachyurus</i> (Godfrey) Goodey: <i>Begonia</i> sp.	Brazil			1	N. Y.
<i>Pratylenchus penetrans</i> (Cobb) Sher & Allen: <i>Clematis</i> sp.	†Netherlands			1	N. J.
<i>Lilium</i> sp. (lily)	New Zealand			1	Calif.*
<i>Pratylenchus pratensis</i> (de Man) Filip.: <i>Clematis</i> sp.	Netherlands			1	N. J.
† <i>Pratylenchus vulnus</i> Allen & Jensen: <i>Schlumbergera truncata</i> (Christmas cactus)	Germany			1	N. Y.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens: <i>Cichorium endivia</i> (endive)	Belgium	1			N. Y.
<i>Pseudomonas savastanoi</i> (E. F. Sm.) F. L. Stevens: <i>Olea europaea</i> (olive)	Italy	1			Mass.
<i>Puccinia absinthii</i> DC.: <i>Artemisia albula</i> (silverking wormwood)	Bermuda	1			Mass.
<i>Artemisia</i> spp.	do	1			N. Y.
† <i>Puccinia asparagi</i> DC.: <i>Asparagus officinalis</i> (asparagus)	Greece	1			Mass.
<i>Puccinia buxi</i> DC.: <i>Buxus sempervirens</i> (box)	England, †Italy		2	1	Mass., N. Y.
<i>Buxus</i> sp.	England		1		Mass.
<i>Puccinia chrysanthemi</i> Roze: <i>Chrysanthemum</i> sp.	Japan		1		Hawaii.
† <i>Puccinia erythraeensis</i> Paz.: <i>Hyparrhenia lintonii</i>	Kenya			1	D. C.
† <i>Puccinia exasperans</i> Holw.: <i>Bouteloua curtipendula</i>	Mexico	1			Ariz.
† <i>Puccinia heliconiae</i> (Diet.) Arth.: <i>Heliconia aureostriata</i>	Puerto Rico			1	P. R.

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Puccinia horiana</i> P. Henn.: <i>Chrysanthemum</i> sp.	Japan	6	5		Hawaii, Wash.
‡ <i>Puccinia miscanthi</i> Miura: <i>Miscanthus</i> sp.	Japan	2			Hawaii.
<i>Puccinia ornithogali-thyrsoides</i> Diet.: <i>Ornithogalum thyrsoides</i> (chinkerichee)	Union of South Africa	3			N. Y.
<i>Puccinia phyllostachydis</i> Kus.: Bamboo	Japan			1	D. C.
† <i>Puccinia polysora</i> Underw.: <i>Zea mays</i> (corn)	Nigeria		1		Tex.
<i>Puccinia scirpi</i> DC.: <i>Scirpus maritimus</i>	Portugal	7			Pa.
<i>Scirpus</i> sp.	do	5			Pa.
† <i>Puccinia urbaniana</i> P. Henn.: <i>Stachytarpheta jamaicensis</i>	Martinique			1	P. R.
† <i>Puccinia violae</i> (Schum.) DC.: <i>Viola</i> sp. (violet)	England			1	N. J.
‡ <i>Rotylenchus brachyurus</i> Steiner: Cactus	Italy			1	N. Y.
† <i>Rotylenchus bradys</i> (Steiner & Le Hew.) Filip.: <i>Dioscorea</i> sp. (yam)	Trinidad	1			N. Y.
<i>Sclerotiopsis testudinea</i> Dearn.: <i>Paeonia suffruticosa</i> (tree peony)	Japan			43	Calif.*
<i>Sclerotium cepivorum</i> Berk.: <i>Allium sativum</i> (garlic)	Italy	2			La.
† <i>Selenophoma donacis</i> (Pass.) Sprague & A. G. Johnson var. <i>stomaticola</i> (Baeumler) Sprague & A. G. Johnson: <i>Oryzopsis</i> sp.	Iran			1	D. C.
<i>Septobasidium pseudopedicellatum</i> Burt: <i>Citrus sinensis</i> (orange)	Brazil		2		Pa.
<i>Septonema intercalare</i> Cash & Watson: <i>Cymbidium</i> sp. (orchid)	†Australia			1	Calif.*
Orchid	Mexico			1	Ariz.
† <i>Septoria apii</i> (Briosi & Cav.) Chester: <i>Apium graveolens</i> (celery)	Venezuela		1		St. Thomas and St. John.
<i>Septoria citri</i> Pass.: <i>Citrus limon</i> (lemon)	Argentina, Italy, unknown		7		Calif.*, Tex.
<i>Citrus medica</i> (citron)	†Israel		1		Tex.
<i>Citrus paradisi</i> (grapefruit)	†Paraguay		1		Calif.*
<i>Citrus sinensis</i> (orange)	Algeria, Italy, Spain, unknown		4		Calif.*, Ha- waii, Pa., Tex.
† <i>Septoria petroselini</i> Desm.: <i>Petroselinum crispum</i> (parsley)	Ireland		1		Mass.
‡ <i>Septoria sapotae</i> Batista: Sapote	Dominican Republic		1		P. R.
<i>Septoria selenophomoides</i> Cash & Watson: <i>Cattleya citrina</i> (orchid)	Mexico			1	Tex.
<i>Cymbidium devonianum</i> (orchid)	India			1	Calif.*
<i>Cypripedium</i> sp. (orchid)	do			1	N. J.
<i>Masdevallia chimaera</i> (orchid)	England			1	N. J.
<i>Odontoglossum</i> sp. (orchid)	Mexico			1	Tex.
<i>Oncidium varicosum rogersi</i> (orchid)	Brazil			1	N. J.
Orchid	Mexico			4	Calif.*, Tex.
<i>Septoria unedonis</i> Rob. & Desm.: <i>Arbutus unedo</i> (strawberry-tree)	Greece, †Ireland	1		1	Mass., Pa.
<i>Sphaceloma fawcetti</i> Bitanc. & Jenkins var. <i>scabiosa</i> (McAlp. & Tyron) Jenkins: <i>Citrus limon</i> (lemon)	Australia		3		Hawaii, Mass.
<i>Sphaceloma punicae</i> Bitanc. & Jenkins: <i>Punica granatum</i> (pomegranate)	Mexico	5			Ariz., Tex.
‡ <i>Sphaerella cerea</i> Sacc.: <i>Sorghum vulgare caffrorum</i> (kafir)	Union of South Africa			1	D. C.
<i>Stagonospora macrospora</i> (Dur. & Mont.) Sacc.: <i>Yucca</i> sp.	Mexico			1	Ariz.
‡ <i>Strickeria mammoidea</i> Ell. & Ev. var. <i>opuntiae</i> Dearn.: <i>Pachycereus marginatus</i> (organpipe cactus)	do			1	Ariz.
<i>Thielaviopsis basicola</i> (Berk. & Br.) Ferr.: <i>Phaseolus vulgaris</i> var. (string bean)	China		1		Calif.*

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Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Tilletia caries</i> (DC.) Tul.: <i>Triticum aestivum</i> (wheat) -----	Turkey -----	1			D. C.
<i>Tilletia controversa</i> Kuehn: <i>Heteranthelium piliferum</i> -----	Iran -----			1	D. C.
† <i>Tilletia elymi</i> Diet. & Holw.: <i>Elymus</i> sp. (wild-rye) -----	do -----			1	D. C.
<i>Trematosphaerella oryzae</i> Miyake: <i>Oryza sativa</i> (rice) -----	Japan -----	1			Calif.*
<i>Tylenchorhynchus latus</i> Allen: Soil with lettuce -----	Egypt -----		1		Mass.
<i>Uredo behnickiana</i> P. Henn.: <i>Epidendrum prismatocarpum</i> (orchid) -----	Costa Rica -----			1	Fla.
<i>Odontoglossum</i> sp. (orchid) -----	Brazil -----			1	Wash.
<i>Phajus</i> sp. (orchid) -----	†Jamaica -----			1	Fla.
<i>Uredo epidendri</i> P. Henn.: <i>Epidendrum nocturnum</i> (orchid) -----	do -----			1	Fla.
<i>Epidendrum venosum</i> -----	do -----			1	Fla.
<i>Epidendrum</i> sp. -----	Mexico -----			1	Tex.
<i>Uredo guacae</i> Mayor: <i>Epidendrum</i> sp. -----	†Jamaica -----			1	Fla.
Orchid -----	†Honduras -----			1	Fla.
<i>Uredo guacae</i> Mayor (?): <i>Epidendrum</i> sp. -----	Nicaragua -----			1	Fla.
<i>Polystachya</i> sp. (orchid) -----	Mexico -----			1	Fla.
<i>Zygopetalum burti</i> (orchid) -----	Canal Zone -----			1	Fla.
‡ <i>Uredo nidularii</i> P. Henn. (?): <i>Tillandsia</i> sp. -----	Mexico -----			1	Tex.
<i>Uredo nigropuncta</i> P. Henn. (?): <i>Epidendrum</i> sp. -----	Jamaica -----			1	Fla.
<i>Uredo oncidii</i> P. Henn.: <i>Oncidium bicallosum</i> (orchid) -----	Guatemala -----			1	Fla.
<i>Oncidium cavendishianum</i> -----	do -----			1	Fla.
<i>Oncidium pulchellum</i> -----	†Jamaica -----			1	Fla.
<i>Oncidium splendidum</i> -----	Honduras -----	1			Fla.
<i>Oncidium</i> sp. -----	Costa Rica, Honduras -----			3	Fla.
<i>Schomburgkia</i> sp. (orchid) -----	Ecuador -----			1	Hawaii.
<i>Uredo oncidii</i> P. Henn. (?): Orchid -----	Cuba -----			1	Fla.
<i>Urocystis gladiolicola</i> Ains.: <i>Gladiolus</i> sp. -----	Netherlands -----			2	N. J.
<i>Uromyces alyxiae</i> Arth.: <i>Alyxia olivaeformis</i> (maile) -----	Hawaii -----	8			Hawaii.
<i>Uromyces betae</i> (Pers.) Lev.: <i>Beta vulgaris</i> (beet) -----	Spain -----		1		Pa.
‡ <i>Uromyces janiphae</i> (Wint.) Arth.: <i>Manihot esculenta</i> (cassava) -----	Colombia -----		1		Pa.
<i>Uromyces lespedezae-procumbentis</i> (Schw.) Curt.: <i>Lespedeza bicolor</i> (bushclover) -----	Japan -----			1	Calif.*
<i>Lespedeza formosa</i> (bushclover) -----	do -----			1	Calif.*
<i>Lespedeza japonica</i> (Japanese bushclover) -----	do -----			1	Calif.*
‡ <i>Uromyces transversalis</i> (Thuem.) Wint.: <i>Gladiolus</i> sp. -----	Union of South Africa -----	1			N. Y.
<i>Ustilago grandis</i> Fr.: <i>Phragmites communis</i> (reed) -----	Netherlands -----			1	Pa.
† <i>Venturia inaequalis</i> (Cke.) Wint. var. <i>cinerascens</i> (Fekl.) Aderh.: <i>Sorbus</i> sp. (mountain-ash) -----	Austria -----	1			Mass.
<i>Xanthomonas citri</i> (Hasse) Dows.: <i>Citrus aurantifolia</i> (sour lime) -----	Ceylon, India, Japan, Thailand -----		5		Calif.*, Md., Mass.
<i>Citrus aurantium</i> (sour orange) -----	Japan -----		14		Calif.*, Md., Pa., Tex., Wash.
<i>Citrus aurantium</i> var. -----	do -----		2		Calif.*
<i>Citrus grandis</i> -----	Japan, Thailand -----		5		Calif.*
<i>Citrus x ichandarum</i> -----	Japan -----		1		Calif.*
<i>Citrus ichangensis</i> var. -----	do -----		1		Calif.*
<i>Citrus limon</i> (lemon) -----	China, Japan -----	1	13		Calif.*, Md., N. Y., Pa.

See footnotes at end of table.

Pests collected and reported from July 1, 1955, through June 30, 1956—Continued

Pest and host	Country of origin	Number of interceptions in—			Collected in—
		Consumption	Non-entry	Propagation	
<i>Citrus paradisi</i> (grapefruit)-----	Japan, Straits Settlements-----	-----	4	-----	Calif.*, Pa.
<i>Citrus reticulata</i> (Mandarin orange)-----	China, Japan, Philippines-----	5	9	-----	Calif.*, Ha-waii, Wash.
<i>Citrus sinensis</i> (orange)-----	China, Japan-----	32	38	-----	Calif.*, Ha-waii, Md., N. Y., Pa.
<i>Citrus sinensis junos</i> -----	Japan-----	-----	2	-----	Md., Pa.
<i>Xanthomonas citri</i> (Hasse) Dows. (?):					
<i>Citrus aurantifolia</i> (sour lime)-----	do-----	-----	1	-----	Wash.
<i>Citrus limon</i> (lemon)-----	do-----	-----	1	-----	Wash.
<i>Citrus reticulata</i> (Mandarin orange)-----	do-----	1	-----	-----	Hawaii.
<i>Citrus sinensis</i> (orange)-----	do-----	1	-----	-----	Hawaii.
<i>Citrus</i> sp-----	China-----	1	-----	-----	N. Y.
<i>Xanthomonas phaseoli</i> (F. M. Sm.) Dows. (?):					
<i>Phaseolus vulgaris</i> var. (string bean)-----	Japan-----	-----	1	-----	Calif.*
<i>Xanthomonas</i> sp. (Cancrosis B):					
<i>Citrus limon</i> (lemon)-----	Brazil-----	-----	2	-----	Pa.
<i>Citrus paradisi</i> (grapefruit)-----	Brazil (?)-----	-----	1	-----	Pa.
<i>Zygosporium oscheoides</i> Mont.:					
Palm-----	Mexico-----	2	-----	-----	Tex.
<i>Zygosporium oscheoides</i> Mont. (?):					
<i>Citrus</i> sp-----	do-----	-----	1	-----	Tex.

An asterisk (*) indicates State inspection.
A dagger (†) indicates a first interception from the country named.
A double dagger (‡) indicates first record of its interception by Branch inspectors.

ALLIUM FISTULOSUM:

Mycosphaerella schoenoprasii (Ascomycetes)

ALLIUM SATIVUM:

Sclerotium cepivorum (Deuteromycetes)

ALOCASIA:

Meloidogyne arenaria (Nematoda)

Meloidogyne incognita acrita (Nematoda)

ALSTONIA:

Meloidogyne arenaria (Nematoda)

ALYXIA:

†*Mycosphaerella alyxiae* (Ascomycetes)

Uromyces alyxiae (Promycetes)

AMORPHOPHALUS:

Meloidogyne hapla (Nematoda)

ANANAS:

Curvularia lunata (Deuteromycetes)

ANTHURIUM:

†*Mycosphaerella anthurii* (Ascomycetes)

†*Phyllachora engleri* (Ascomycetes)

APIUM:

†*Septoria apii* (Deuteromycetes)

ARAUCARIA:

†*Macrophoma araucariae* (Deuteromycetes)

ARBUTUS:

Septoria unedonis (Deuteromycetes)

ARECA:

Colletotrichum arecae (Deuteromycetes)

ARTEMISIA:

Puccinia absinthii (Promycetes)

ASPARAGUS:

Meloidogyne javanica (Nematoda)

†*Puccinia asparagi* (Promycetes)

ASTROPHYTUM:

Meloidogyne incognita (Nematoda)

BAMBOO:

Puccinia phyllostachydis (Promycetes)

BEGONIA:

Meloidogyne hapla (Nematoda)

Meloidogyne incognita (Nematoda)

Meloidogyne incognita acrita (Nematoda)

†*Pratylenchus brachyurus* (Nematoda)

BETA:

†*Meloidogyne hapla* (?) (Nematoda)

Meloidogyne incognita acrita (Nematoda)

Uromyces betae (Promycetes)

BETULA:

†*Melampsoridium betulinum* (Promycetes)

BOUTELLOUA:

†*Puccinia exasperans* (Promycetes)

BUXUS:

Puccinia buxi (Promycetes)

CACTUS:

†*Helicotylenchus nannus* (Nematoda)

†*Lembosia cactorum* (?) (Ascomycetes)

Meloidogyne arenaria (Nematoda)

†*Rotylenchus brachyurus* (Nematoda)

CALADIUM:

Meloidogyne arenaria (Nematoda)

CAPSICUM:

Phomopsis capsici (Deuteromycetes)

CARICA:

Asperisporium caricae (Deuteromycetes)

CATTLEYA:

Mycosphaerella cattleyae (Ascomycetes)

Septoria selenophomoides (Deuteromycetes)

CELOSIA:

Meloidogyne incognita (Nematoda)

CHAMAEDOREA:

Mycosphaerella palmarum (Ascomycetes)

CHRYSANTHEMUM:

Eudarlucula australis (Ascomycetes)

Puccinia chrysanthemi (Promycetes)

Puccinia horiana (Promycetes)

CICHORIUM:

Pseudomonas marginalis (Schizomycetes)

CITRUS AURANTIFOLIA:

Elsinoe australis (Ascomycetes)

Elsinoe fawcetti (Ascomycetes)

†*Gloeosporium limetticolum* (Deuteromycetes)

Phoma limonii (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CIRTUS AURANTIUM:

Xanthomonas citri (Schizomycetes)

CITRUS AURANTIUM VAR.:

Xanthomonas citri (Schizomycetes)

CITRUS GRANDIS:

Phoma citricarpa (Deuteromycetes)

†*Phytophthora citrophthora* (Phycomycetes)

Xanthomonas citri (Schizomycetes)

CITRUS X ICHANDARIN:

Xanthomonas citri (Schizomycetes)

CITRUS ICHANGENSIS VAR.:

Xanthomonas citri (Schizomycetes)

CITRUS LIMON:

Elsinoe australis (Ascomycetes)

Leprosis

Phoma citricarpa (Deuteromycetes)

Septoria citri (Deuteromycetes)

Sphaceloma fawcetti var. *scabiosa*

(Deuteromycetes)

Xanthomonas citri (Schizomycetes)

Xanthomonas sp. (Cancrosis B) (Schizomycetes)

CITRUS MEDICA:

Septoria citri (Deuteromycetes)

CITRUS PARADISI:

†*Diaporthe citri* (Ascomycetes)

Elsinoe australis (Ascomycetes)

Leprosis

Phoma citricarpa (Deuteromycetes)

Septoria citri (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

Xanthomonas sp. (Cancrosis B) (Schizomycetes)

CITRUS RETICULATA:

Elsinoe australis (Ascomycetes)

Leprosis

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS SINENSIS:

Alternaria citri (Deuteromycetes)

Elsinoe australis (Ascomycetes)

Leprosis

Myriangium duriae (Ascomycetes)

Phoma citricarpa (Deuteromycetes)

Septobasidium pseudopedicellatum

(Basidiomycetes)

Septoria citri (Deuteromycetes)

Xanthomonas citri (Schizomycetes)

CITRUS SINENSIS JUNOS:

Xanthomonas citri (Schizomycetes)

CITRUS SP.

Phoma citricarpa (Deuteromycetes)

Xanthomonas citri (?) (Schizomycetes)

Zygospodium oschioides (?) (Deuteromycetes)

CLEMATIS:

Pratylenchus penetrans (Nematoda)

Pratylenchus pratensis (Nematoda)

CLIVIA:

†*Colletotrichum cliviae* (Deuteromycetes)

COELOGYNE:

Phomopsis orchidophila (Deuteromycetes)

COFFEA:

Cercospora coffeicola (Deuteromycetes)

†*Hendersonia coffeae* (Deuteromycetes)

Mycosphaerella coffeicola (Ascomycetes)

COLOCASIA:

Dendryphium obstipum (Deuteromycetes)

Meloidogyne javanica (Nematoda)

CRATAEGUS:

Gymnosporangium clavipes (Promycetes)

†*Phomopsis semiimmersa* (Deuteromycetes)

CUCUMIS:

†*Cercospora citrullina* (Deuteromycetes)

Curvularia lunata (Deuteromycetes)

CYMBIDIUM:

Septonema intercalare (Deuteromycetes)

Septoria selenophomoides (Deuteromycetes)

CYPRIPEDIUM:

Septoria selenophomoides (Deuteromycetes)

DAPHNE:

†Daphne mosaic virus

DAUCUS:

Meloidogyne incognita (Nematoda)

Meloidogyne incognita acrita (Nematoda)

DENDROBIUM:

Pestalotia conspicua (Deuteromycetes)

Phyllostictina pyriformis (Deuteromycetes)

DIANTHUS:

Alternaria dianthi (Deuteromycetes)

DIEFFENBACHIA:

Colletotrichum dieffenbachiae (Deuteromycetes)

Hosts and Diseases—Continued

DIOSCOREA:

†*Rotylenchus bradys* (Nematoda)

DRACAENA:

†*Colletotrichum dracaena* (Deuteromycetes)

ECHINOCACTUS:

Meloidogyne javanica (Nematoda)

ELYMUS:

†*Tilletia elymi* (Promycetes)

EPIDENDRUM:

Anthostomella keissleri (Ascomycetes)*Hendersonia epidendri* (Deuteromycetes)*Mycosphaerella cattleyae* (Ascomycetes)†*Ophiodothella orchidearum* (Ascomycetes)*Pestalotia conspicua* (Deuteromycetes)*Phomopsis orchidophila* (Deuteromycetes)*Phyllostictina pyriformis* (Deuteromycetes)*Physalospora wildemanniana* (Ascomycetes)*Uredo behnickiana* (Promycetes)*Uredo epidendri* (Promycetes)*Uredo guacae* (Promycetes)*Uredo nigropuncta* (?) (Promycetes)

EURYCLES:

Curvularia lunata (Deuteromycetes)

FAGUS:

†*Asterosporium hoffmanni* (Deuteromycetes)

FICUS:

Gloeosporium elasticum (Deuteromycetes)*Physopella fici* (Promycetes)

FRAGARIA:

†*Marssonina fragariae* (Deuteromycetes)*Mycosphaerella fragariae* (Ascomycetes)

GARDENIA:

Omphalia flavida (Deuteromycetes)

GINKGO:

†*Phomopsis occulta* var. *ginkgoina*
(Deuteromycetes)

GLADIOLUS:

Papulaspora parasitica (Deuteromycetes)*Urocystis gladiolicola* (Promycetes)†*Uromyces transversalis* (Promycetes)

GOSSYPIUM:

Cercospora gossypina (Deuteromycetes)

HEDERA:

Colletotrichum trichellum (Deuteromycetes)

HELICONIA:

†*Puccinia heliconiae* (Promycetes)

HETERANTHELIUM:

Tilletia controversa (Promycetes)

HYPARRHENIA:

†*Puccinia erythraeensis* (Promycetes)

JACQUINIELLA:

Phyllostictina pyriformis (Deuteromycetes)

JUNIPERUS:

Gymnosporangium haraeum (Promycetes)

KOHLEA:

Meloidogyne hapla (Nematoda)

LABURNUM:

Coniothyrium cytisellum (Deuteromycetes)

LAELIA:

Mycosphaerella cattleyae (Ascomycetes)*Paranthostomella microspora* (Ascomycetes)*Pestalotia conspicua* (Deuteromycetes)*Phyllostictina pyriformis* (Deuteromycetes)

LESPEDeza:

Uromyces lespedezae-procumbentis (Promycetes)

LILIUM:

Papulaspora parasitica (Deuteromycetes)*Pratylenchus penetrans* (Nematoda)

LOISELEURIA:

Chrysomyxa ledi var. *rhododendri* (Promycetes)

MAHONIA:

Cumminsia sanguinea (Promycetes)

MALUS:

Coniothyrium pirinum (Deuteromycetes)*Cylindrocarpon mali* (Deuteromycetes)

MAMMILLARIA:

Meloidogyne arenaria (Nematoda)*Meloidogyne incognita acrita* (Nematoda)*Meloidogyne javanica* (Nematoda)

MANGIFERA:

Elsinoe mangiferae (Ascomycetes)†*Gloeosporium mangiferae* (Deuteromycetes)*Phyllostictina mangiferae* (Deuteromycetes)

MANIHOT:

†*Uromyces janiphae* (Promycetes)

MASDEVALLIA:

Septoria selenophomoides (Deuteromycetes)

METROSIDEROS:

†*Meliolina haplochaeta* (Ascomycetes)

MISCANTHUS:

†*Puccinia miscanthi* (Promycetes)

MUSA:

Cercospora musae (Deuteromycetes)*Macrophoma musae* (Deuteromycetes)

NARCISSUS:

Ophiostoma narcissi (Ascomycetes)

NERIUM:

Cercospora neriella (Deuteromycetes)*Phyllosticta nerii* (Deuteromycetes)

NICOTIANA:

†*Fusarium oxysporum* f. *nicotianae*

(Deuteromycetes)

Melanospora zamiae (Ascomycetes)

ODONTOGLOSSUM:

Pestalotia conspicua (Deuteromycetes)*Septoria selenophomoides* (Deuteromycetes)*Uredo behnickiana* (Promycetes)

OLEA:

Gloeosporium olivarum (Deuteromycetes)*Pseudomonas savastanoi* (Schizomycetes)

ONCIDIUM:

†*Hendersonia importata* (Deuteromycetes)*Septoria selenophomoides* (Deuteromycetes)*Uredo oncidii* (Promycetes)

ORCHID:

Anthostomella keissleri (Ascomycetes)†*Cercospora cypripedii* (Deuteromycetes)*Hendersonia epidendri* (Deuteromycetes)†*Leptosphaeria niessleana* (?) (Ascomycetes)*Mycosphaerella cattleyae* (Ascomycetes)*Phomopsis orchidophila* (Deuteromycetes)†*Phyllosticta laeliae* (Deuteromycetes)*Phyllostictina pyriformis* (Deuteromycetes)*Septonema intercalare* (Deuteromycetes)*Septoria selenophomoides* (Deuteromycetes)*Uredo guacae* (Promycetes)*Uredo oncidii* (?) (Promycetes)

OREOCEREUS:

†*Helicotylenchus nannus* (Nematoda)*Meloidogyne arenaria* (Nematoda)*Meloidogyne incognita acrita* (Nematoda)

ORNITHOGALUM:

Meloidogyne incognita acrita (Nematoda)*Puccinia ornithogali-thyrsoideis* (Promycetes)

ORYZA:

Cladosporium oryzae (Deuteromycetes)*Entyloma oryzae* (Promycetes)*Mycosphaerella hondai* (Ascomycetes)*Trematosphaerella oryzae* (Ascomycetes)

ORYZOPSIS:

†*Selenophoma donacis* var. *stomaticola*
(Deuteromycetes)

PACHYCEREUS:

†*Didymosphaeria opulenta* (Ascomycetes)†*Strickeria mammoidea* var. *opuntiae*

(Ascomycetes)

PAEONIA:

Discosia artocreas (Deuteromycetes)*Sclerotiopsis testudinea* (Deuteromycetes)

PALM:

Zygosporium oscheoides (Deuteromycetes)

PANICUM:

Cerebella andropogonis (Ascomycetes)

PASPALUM:

Cerebella andropogonis (Ascomycetes)

PEROCACTUS:

Myrothecium roridum (Deuteromycetes)

PERSEA:

Botryosphaeria ribis (Ascomycetes)*Cercospora purpurea* (Deuteromycetes)

PETROSELINUM:

†*Septoria petroselini* (Deuteromycetes)

PHAJUS:

Uredo behnickiana (Promycetes)

PHASEOLUS:

†*Cercospora canescens* (Deuteromycetes)*Thielaviopsis basicola* (Deuteromycetes)*Xanthomonas phaseoli* (?) Schizomycetes)

PHILODENDRON:

Meloidogyne arenaria (Nematoda)

Hosts and Diseases—Continued

PHRAGMITES:

Ustilago grandis (Promycetes)

PINUS:

Lophodermium pinastri (Ascomycetes)

†*Phoma acicola* (Deuteromycetes)

PISTACIA:

Phleospora pistaciae (Deuteromycetes)

PISUM:

†*Erysiphe polygoni* (Ascomycetes)

POLIANTHES:

Meloidogyne incognita (Nematoda)

Meloidogyne incognita acrita (Nematoda)

Meloidogyne javanica (Nematoda)

POLYSTACHYA:

Uredo guacae (Promycetes)

PORTULACA:

†*Helicotylenchus nannus* (Nematoda)

PRIMULA:

†*Cercospora primulae* (Deuteromycetes)

PRUNUS DOMESTICA:

Monilinia fructigena (Ascomycetes)

PRUNUS SP. (cherry)

Monilinia fructigena (Ascomycetes)

PSIDIUM:

†*Pestalotia psidii* (Deuteromycetes)

PUNICA:

Sphaceloma punicae (Deuteromycetes)

PYRUS:

†*Fusicladium pirinum* (Deuteromycetes)

RHODODENDRON:

Chrysomyxa ledi var. *rhododendri* (Promycetes)

Diplodina eurhododendri (Deuteromycetes)

Meloidogyne incognita (Nematoda)

Mycosphaerella clintoniana (Ascomycetes)

ROSA:

†*Marssonina rosae* (Deuteromycetes)

Phragmidium disciflorum (Promycetes)

RUSCUS:

Leptosphaeria rusci (Ascomycetes)

Phyllosticta ruscicola (Deuteromycetes)

SAPOTE:

†*Septoria sapotae* (Deuteromycetes)

SCHLUMBERGERA:

†*Pratylenchus vulnus* (Nematoda)

SCHOMBURGKIA:

Uredo oncidii (Promycetes)

SCIRPUS:

Puccinia scirpi (Promycetes)

SIDA:

†*Phomopsis sidae* (?) (Deuteromycetes)

SOBRALIA:

Mycosphaerella cattleyae (Ascomycetes)

SOIL:

†*Helicotylenchus nannus* (Nematoda)

Heterodera avenae (Nematoda)

Heterodera cacti (Nematoda)

†*Heterodera cruciferae* (?) (Nematoda)

†*Heterodera fici* (Nematoda)

Heterodera humuli (Nematoda)

Heterodera punctata (Nematoda)

Heterodera rostochiensis (Nematoda)

Meloidogyne incognita acrita (Nematoda)

Tylenchorhynchus latus (?) (Nematoda)

SOLANACEAE:

Meloidogyne incognita acrita (Nematoda)

SOLANUM:

Meloidogyne incognita acrita (Nematoda)

Oospora pustulans (Deuteromycetes)

SORBUS:

Gymnosporangium juniperi (?) (Promycetes)

†*Venturia inaequalis* var. *cinerascens* (Ascomycetes)

SORGHUM:

†*Sphaerella cere* (Ascomycetes)

STACHYTARPHETA:

†*Puccinia urbaniana* (Promycetes)

STANHOPEA:

Cercospora angraeci (Deuteromycetes)

†*Cercospora cypripedii* (Deuteromycetes)

†*Guignardia traversi* (Ascomycetes)

Pestalotia conspicua (Deuteromycetes)

THEOBROMA:

†*Phytophthora palmivora* (Phycomycetes)

TILLANDSIA:

†*Uredo nidularii* (?) (Promycetes)

TRACHYCARPUS:

Phomopsis palmicola (Deuteromycetes)

TRITICUM:

†*Colletotrichum graminicola* (Deuteromycetes)

Tilletia caries (Promycetes)

VANDA:

Phyllostictina pyriformis (Deuteromycetes)

VIOLA:

†*Puccinia violae* (Promycetes)

WASHINGTONIA:

Meloidogyne incognita acrita (Nematoda)

WISTERIA:

Diaporthe eres (Ascomycetes)

YUCCA:

†*Diplodia circinans* (Deuteromycetes)

†*Hendersonia yuccae* (Deuteromycetes)

Stagonospora macrospora (Deuteromycetes)

ZANTEDESCHIA:

Meloidogyne javanica (Nematoda)

ZEA:

†*Phyllachora maydis* (Ascomycetes)

†*Puccinia polysora* (Promycetes)

ZINGIBER:

†*Colletotrichum zingiberis* (Deuteromycetes)

Melanospora zamiae (Ascomycetes)

ZYGOPETALUM:

Uredo guacae (?) (Promycetes)

Hosts Unknown

GRASS:

Phyllachora graminis (Ascomycetes)

Countries of Origin and Diseases

ALGERIA:

Heterodera cacti
Septoria citri

ARGENTINA:

Elsinoe australis
Heterodera cacti
Heterodera fici
Heterodera rostochiensis
Septoria citri

AUSTRALIA:

Cerebella andropogonis
†*Fusicladium pirinum*
†*Meloidogyne arenaria*
Pestalotia conspicua
Phoma citricarpa
Phyllostictina pyriformis
†*Septonema intercalare*
Sphaceloma fawcetti var. *scabiosa*

AUSTRIA:

†*Asterosporium hoffmanni*
†*Heterodera avenae*
Heterodera punctata
†*Venturia inaequalis* var. *cinerascens*

BELGIUM:

†*Colletotrichum cliviae*
Heterodera avenae
Pseudomonas marginalis

BERMUDA:

Cercospora neriella
†*Helicotylenchus nannus*
Phyllosticta neri
Puccinia absinthii

BRAZIL:

Cercospora coffeicola
†*Colletotrichum graminicola*
Elsinoe australis
†*Heterodera avenae*
†*Meloidogyne hapla*
†*Meloidogyne incognita acrita*
Pestalotia conspicua
Phoma citricarpa
†*Pratylenchus brachyurus*
Septobasidium pseudopedicellatum
Septoria selenophomoides
Uredo behnickiana
Xanthomonas sp. (Canerosis B)

BRITISH EAST AFRICA:

†*Phoma citricarpa*

BRITISH GUIANA:

†*Phyllosticta laeliae*

CANADA:

†*Cercospora primulae*
†*Helicotylenchus nannus*
Heterodera cacti
†*Melampsoridium betulinum*
†*Meloidogyne arenaria*
†*Meloidogyne incognita*
†*Meloidogyne incognita acrita*
†*Meloidogyne javanica*

CANAL ZONE:

†*Guignardia traversi*
Pestalotia conspicua
Phomopsis orchidophila
Phyllostictina pyriformis
Uredo guacae (?)

CEYLON:

Xanthomonas citri

CHILE:

†*Meloidogyne incognita acrita*

CHINA:

†*Colletotrichum zingiberis*
Dendryphium obstipum
Melanospora zamiae
†*Meloidogyne incognita acrita*
Phoma citricarpa
Thielaviopsis basicola
Xanthomonas citri

COLOMBIA:

†*Phyllachora engleri*
†*Uromyces janiphae*

COSTA RICA:

Mycosphaerella cattleyae
Uredo behnickiana
Uredo oncidii

CUBA:

Anthostomella keissleri

Asperisporium caricae
†*Meloidogyne incognita acrita*
†*Ophiodothella orchidearum*
†*Phytophthora citrophthora*
Uredo oncidii (?)

DENMARK:

Heterodera avenae

DOMINICAN REPUBLIC:

†*Fusarium oxysporum* f. *nicotianae*
Melanospora zamiae
†*Septoria sapotae*

ECUADOR:

†*Diaporthe citri*
†*Gloeosporium limetticolum*
Uredo oncidii

EGYPT:

†*Meloidogyne incognita acrita*
†*Phoma citricarpa*
Tylenchorhynchus latus (?)

ENGLAND:

†*Daphne mosaic virus*
Heterodera avenae
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
Oospora pustulans
Puccinia buxi
†*Puccinia violae*
Septoria selenophomoides

FIJI ISLANDS

Phoma citricarpa

FORMOSA:

Phoma citricarpa

FRANCE:

†*Fusicladium pirinum*
Meloidogyne javanica
Monilinia fructigena

GERMANY:

Collectotrichum trichellum
Heterodera avenae
Heterodera cacti
†*Heterodera fici*
Heterodera punctata
Heterodera rostochiensis
†*Marssonina fragariae*
Monilinia fructigena
Mycosphaerella fragariae
†*Pratylenchus vulnus*

GREECE:

Heterodera avenae
†*Meloidogyne javanica*
†*Puccinia asparagi*
Septoria unedonis

GUAM:

Colletotrichum arecae

GUATEMALA:

Hendersonia epidendri
†*Meloidogyne arenaria*
Uredo oncidii

HAWAII:

†*Meliolina haplochaeta*
†*Meloidogyne arenaria*
†*Mycosphaerella alyxiae*
Phoma citricarpa
Phyllostictina pyriformis
Uromyces alyxiae

HONDURAS:

†*Phyllostictina pyriformis*
†*Uredo guacae*
Uredo oncidii

ICELAND:

Heterodera punctata

INDIA:

Entyloma oryzae
Phomopsis orchidophila
†*Phomopsis sidae* (?)
Septoria selenophomoides
Xanthomonas citri

INDO-CHINA:

†*Phoma citricarpa*

INDONESIA:

†*Pestalotia conspicua*

IRAN:

†*Selenophoma donacis* var. *stomaticola*
Tilletia controversa
†*Tilletia elymi*

Countries of Origin and Diseases — Continued

IRELAND:

Heterodera punctata
Heterodera rostochiensis
Ophiostoma narcissi
†*Septoria petroselini*
†*Septoria unedonis*

ISRAEL:

Alternaria dianthi
Heterodera avenae
†*Meloidogyne hapla* (?)
†*Septoria citri*

ITALY:

Gloeosporium olivarum
†*Helicotylenchus nannus*
Heterodera avenae
Heterodera cacti
†*Heterodera fici*
Heterodera punctata
Leptosphaeria rusci
Meloidogyne incognita
†*Meloidogyne incognita acrita*
†*Meloidogyne javanica*
Phragmidium disciflorum
Phyllosticta ruscicola
Pseudomonas savastanoi
†*Puccinia buxi*
†*Rotylenchus brachyurus*
Sclerotium cepivorum
Septoria citri
Septoria dianthi

ITALY (?):

Alternaria citri

JAMAICA:

Phyllostictina pyriformis
†*Uredo behnickiana*
Uredo epidendri
†*Uredo guacae*
Uredo nigropuncta (?)
†*Uredo oncidii*

JAPAN:

Alternaria dianthi
Chrysomyxa ledi var. *rhododendri*
Cladosporium oryzae
Discosia artocreas
Eudarlucula australis
Gymnosporangium haraeae
Heterodera cacti
†*Heterodera cruciferae*
Macrophoma musae
Meloidogyne javanica
Mycosphaerella hondai
Mycosphaerella schoenoprasi
Omphalia flava
Papulaspora parasitica
Phoma citricarpa
†*Phomopsis occulta* var. *ginkgoina*
†*Phomopsis palmicola*
Puccinia chrysanthemi
Puccinia horiana
†*Puccinia miscanthi*
Puccinia phyllostachydis
Sclerotiopsis testudinea
Trematosphaerella oryzae
Uromyces lespedezae-procumbentis
Xanthomonas citri
Xanthomonas phaseoli (?)

KENYA:

Cerebella andropogonis
†*Puccinia erythraeensis*

LEBANON:

Phleospora pistaciae

MARTINIQUE:

†*Puccinia urbaniana*

MEXICO:

Anthostomella keissleri
Botryosphaeria ribis
Cercospora angraei
Cercospora coffeicola
†*Cercospora cypripedii*
Cercospora gossypina
Cercospora musae
Cercospora purpurea
Colletotrichum dieffenbachiae
Coniothyrium pirinum
Curvularia lunata
†*Didymosphaeria opulenta*

†*Diplodia circinans*
Elsinoe mangiferae
Gloeosporium elasticum
†*Helicotylenchus nannus*
†*Hendersonia coffeae*
Hendersonia epidendri
†*Hendersonia importata*
†*Hendersonia yuccae*
Heterodera cacti
Heterodera punctata
Heterodera rostochiensis
†*Lembosia cactorum* (?)
Leprosis
†*Leptosphaeria niessleana* (?)
Lophodermium pinastri (?)
Macrophoma musae
Marssonina rosae
Meloidogyne arenaria
Meloidogyne hapla
Meloidogyne incognita
†*Meloidogyne incognita acrita*
†*Meloidogyne javanica*
†*Mycosphaerella anthurii*
Mycosphaerella cattleyae
Mycosphaerella coffeicola
Mycosphaerella palmarum
Myriangium duriae
Myrothecium roridum
Omphalia flava
Paranthostomella microspora
Pestalotia conspicua
†*Pestalotia psidii*
Phoma limonii (?)
†*Phyllachora maydis*
Phyllostictina mangiferae
Phyllostictina pyriformis
Physalospora wildemanniana
Physopella fici
†*Puccinia exasperans*
Septonema intercalare
Septoria selenophomoides
Sphaceloma punicea
Stagonospora macrospora
†*Strickeria mammoidea* var. *opuntiae*
Uredo epidendri (?)
Uredo guacae (?)
†*Uredo nidularii* (?)
Zygosporeum oschioides (?)

NETHERLANDS:

Coniothyrium cytisellum
Cumminsella sanguinea
Cylindrocarpon mali
Diaporthe eres
Diplodina eurhododendri
Gymnosporangium clavipes
Heterodera punctata
Meloidogyne hapla
Mycosphaerella clintoniana
†*Phomopsis semiimmersa*
†*Pratylenchus penetrans*
Pratylenchus pratensis
Urocystis gladiolicola
Ustilago grandis

NEW ZEALAND:

†*Coniothyrium pirinum*
Cylindrocarpon mali
Pratylenchus penetrans

NICARAGUA:

Uredo guacae (?)

NIGERIA:

†*Puccinia polysora*

PAKISTAN:

†*Phoma citricarpa*

PARAGUAY:

†*Septoria citri*

PERU:

†*Erysiphe polygoni*
Heterodera rostochiensis

PHILIPPINES:

Curvularia lunata
Elsinoe fawcetti
†*Gloeosporium mangiferae*
Phoma citricarpa
Phyllostictina pyriformis
Xanthomonas citri

Countries of Origin and Diseases — Continued

PORTUGAL:	<i>Heterodera humuli</i>
† <i>Heterodera fici</i>	<i>Heterodera punctata</i>
† <i>Phoma citricarpa</i>	SYRIA:
† <i>Phyllachora graminis</i>	† <i>Meloidogyne incognita acrita</i>
<i>Puccinia scirpi</i>	THAILAND:
PUERTO RICO:	<i>Xanthomonas citri</i>
<i>Cercospora musae</i>	TRINIDAD:
<i>Phomopsis capsici</i>	† <i>Colletotrichum dracaenae</i>
† <i>Puccinia heliconiae</i>	† <i>Meloidogyne incognita</i>
RHODESIA:	† <i>Phomopsis orchidophila</i>
<i>Cerebella andropogonis</i>	† <i>Rotylenchus bradys</i>
ST. KITTS:	TUNISIA:
† <i>Cercospora canescens</i>	<i>Heterodera avenae</i>
ST. LUCIA:	TURKEY:
† <i>Phytophthora palmivora</i>	<i>Tilletia caries</i>
SALVADOR:	UNION OF SOUTH AFRICA:
<i>Mycosphaerella cattleyae</i>	<i>Meloidogyne incognita acrita</i>
SCOTLAND:	† <i>Meloidogyne javanica</i>
<i>Heterodera rostochiensis</i>	<i>Phoma citricarpa</i>
<i>Lophodermium pinastri</i>	<i>Puccinia ornithogali-thyrsoides</i>
SPAIN:	† <i>Sphaerella cere</i>
<i>Alternaria dianthi</i>	† <i>Uromyces transversalis</i>
<i>Heterodera avenae</i>	UNKNOWN:
† <i>Macrophoma araucariae</i>	<i>Elsinoe australis</i>
<i>Septoria citri</i>	<i>Heterodera rostochiensis</i>
<i>Uromyces betae</i>	<i>Phoma citricarpa</i>
STRAITS SETTLEMENTS:	<i>Septoria citri</i>
† <i>Phyllostictina pyriformis</i>	VENEZUELA:
<i>Xanthomonas citri</i>	† <i>Cercospora citrullina</i>
SWEDEN:	† <i>Septoria api</i>
<i>Gymnosporangium juniperi</i> (?)	YUGOSLAVIA:
<i>Heterodera punctata</i>	† <i>Phoma acicola</i>
SWITZERLAND:	
<i>Chrysomyxa ledi</i> var. <i>rhododendri</i>	

